

## Fungus gnats (Diptera: Sciaroidea) of the Gemer region (Central Slovakia): Part 2 – Mycetophilidae

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**Abstract:** A total of 317 species of Mycetophilidae are recorded from the Gemer region in central Slovakia. The material was obtained mainly in the years 2008–2011 by means of Malaise traps and by individual collecting by the authors. A new species of *Mycetophila* Meigen, *M. gemerensis* sp. n., is described and additional 47 species are recorded as new to Slovakia. A new synonym is proposed: *Mycetophila quadra* Lundström, 1909 = *M. chamberlini* (Laffoon, 1957) syn. n.

**Key words:** Insecta, Diptera, Sciaroidea, Mycetophilidae, new records, faunistics, taxonomy, Muránska planina, Slovakia, Europe

### Introduction

Fungus gnats (Mycetophilidae) represent one of the most species-rich families of Diptera, with some 700 species in central Europe and more than 4000 described species in the World. In the recent checklist, 445 species of Mycetophilidae were reported from Slovakia and 603 species from the Czech and Slovak Republics together (Ševčík & Košel 2009).

The families of Sciaroidea had not been systematically studied in the Gemer region up to 2008, when the All Taxa Biological Inventories (ATBI) project started. Several species, found during our faunal survey to be new to the fauna of Slovakia, have already been published (see Ševčík 2009a; Kurina & Ševčík 2011). Košel & Laštovka (1997) published several species of Exechiini (Mycetophilidae) from caves in the Slovenský raj National Park. The results of the species inventory within the ATBI project are available at [www.atbi.eu/gemer/](http://www.atbi.eu/gemer/).

In the first contribution to the knowledge of the Sciaroidea of the Gemer region, four families were treated (Bolitophilidae, Diadocidiidae, Ditomyiidae and Keroplatidae), and the study localities and collecting methods were also described (see Ševčík & Kurina 2011).

A total of 317 species of Mycetophilidae have been discovered in the Gemer region up to the present, including 47 species recorded here as new to Slovakia and an additional species of *Mycetophila* Meigen, 1803 described here as new to science.

### Material and methods

The list of species below is based mainly on the material collected recently (2008 – 2011) by the authors in the Gemer region (considered here to cover the territory of three national parks in central Slovakia – Muránska planina, Slovenský raj and Slovenský kras) by means of Malaise traps and sweep netting, identified by the authors and now deposited in IZBE (material collected by OK), JSOC and SMOC (material collected by JŠ). In the species list, the collecting method is indicated only for Malaise traps (as MT), otherwise the material was collected by sweeping. Most of the material presented in this paper was collected in the frame of the All Taxa Biodiversity Inventories project (ATBI, see [www.atbi.eu](http://www.atbi.eu)) organized by Workpackage 7 (WP7) of the “European Distributed Institute of Taxonomy” (EDIT, see [www.e-taxonomy.eu](http://www.e-taxonomy.eu)). For further details about methods and localities, including photographs, see Ševčík & Kurina (2011).

**Abbreviations:** \* = new records for Slovakia; IZBE = Institute of Agricultural and Environmental Science, Estonian University of Life Sciences, former Institute of Zoology and Botany, NP = National Park, NPP = National Nature Monument, NPR = National Nature Reserve, PR = Nature Reserve, m = male, f = female, OK = Olavi Kurina leg., JŠ = Jan Ševčík leg., MT = Malaise trap, JSOC = Jan Ševčík, Ostrava (personal collection), SMOC = Slezské zemské muzeum, Opava, Czech Republic.

## Survey of species

### MYCETOPHILIDAE

#### Mycomyinae

##### ***Mycomya (Cymomya) circumdata* (Staeger, 1840)**

A rather common Palearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b). Larvae of most *Mycomya* Rondani species develop on the surface of lignicolous fungi but for many species the biology is still unknown (see Chandler 2010, Ševčík 2010).

**Localities:** NP Muránska planina: Hrdzavá, Maretkiná, Poludnica, Lopušná, Zlatnica (OK, JŠ); NP Slovenský raj: Hnilecká jelšina, Mt. Javorina, Kopanec (OK). Sampling dates: v-x.

##### ***Mycomya (Lycomya) pectinifera* Edwards, 1924**

A rare Holarctic species. Recorded from Slovakia by Väisänen (1984), Martinovský (1995) and Ševčík (2009b).

**Locality:** NP Slovenský kras: Zádielská tiesňava, 25.ix.2008, 1 m (JŠ).

##### **\**Mycomya (Mycomya) alpina* Matile, 1972**

A rather rare montane species (Fig. 8e), recorded from Europe and the Eastern Palearctic (Väisänen 1984, Chandler 2011). Recently recorded from the Czech Republic (Krkonoše Mts) by Ševčík (2009a). New to Slovakia.

**Localities:** NP Muránska planina: Zlatnica, Hrdzavá; NP Slovenský raj: Hnilecká jelšina, Mt. Javorina (all OK). Sampling dates: v-vi.

##### ***Mycomya (Mycomya) annulata* (Meigen, 1818)**

A locally common Palearctic species. Recorded from Slovakia by Chandler (1995).

**Locality:** NP Muránska planina: Dolina Dudlavky, 6.ix.2008, 1 m (JŠ).

##### **\**Mycomya (Mycomya) brunnea* (Dziedzicki, 1885)**

A rare Palearctic species. Recorded from the Czech Republic (Bohemia) by Väisänen (1984). This is the first record from Slovakia.

**Localities:** NP Muránska planina: Javorníková dolina: middle part, 27.v.2009, 1 m (OK); NP Slovenský raj: Mt. Javorina, 4.vi.2009, 1 m (OK).

##### ***Mycomya (Mycomya) cinerascens* (Macquart, 1826)**

A common Holarctic species. Recorded from Slovakia by Väisänen (1984), Martinovský (1995) and Chandler (1995).

**Localities:** NP Muránska planina: Cigánka, 30.v.2009, 2 m (OK); NP Slovenský raj: Mt. Javorina, 4.vi.2009, 1 m (OK).

##### **\**Mycomya (Mycomya) collini* Edwards, 1941**

A very rare European species, hitherto known from Great Britain, Germany, Switzerland and Scandinavia. This is the first record from Slovakia.

**Locality:** NP Muránska planina: Hrdzavá, 1.v.–28.vi.2010, 1 m, MT (JŠ).

##### ***Mycomya (Mycomya) danielae* Matile, 1972**

A rare Holarctic species. Recorded from Slovakia by Väisänen (1984, erroneously as “Hungary”), Martinovský (1995) and Chandler (1995).

**Localities:** NP Muránska planina: Lopušná, 28.v.2009, 1 m (OK), Zlatnica, 28.v.2009, 1 m (OK).

##### ***Mycomya (Mycomya) egregia* (Dziedzicki, 1885)**

A rare European species. Recorded from Slovakia by Väisänen (1984), Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Poludnica, 4.ix.2008, 1 m (JŠ), Javorníková dolina: middle part, 27.v.2009, 3 m (OK).

##### **\**Mycomya (Mycomya) fissa* (Lundström, 1911)**

A very rare European species, hitherto known only from the Alps (France, Italy, Switzerland), Germany and Sweden. This is the first record from Slovakia.

**Locality:** NP Muránska planina: Hrdzavá, 29.v.2009, 1 m (OK).

##### **\**Mycomya (Mycomya) forestaria* Plassmann, 1978**

A very rare species, hitherto known only from northern Europe and the East Palearctic. This is the first record from Slovakia as well as from central Europe.

**Locality:** NP Muránska planina: Fabova hoľa, 15.v.-16.vi.2009, 1 m, MT (JŠ).

##### ***Mycomya (Mycomya) griseovittata* (Zetterstedt, 1852)**

A widely distributed but rare Holarctic species. Recorded from Slovakia (1 m from High Tatras Mts collected in 1932) only by Väisänen (1984).

**Locality:** NP Muránska planina: Ladová jama na Muráni, 26.v.2009, 1 m (OK).

***Mycomya (Mycomya) hebrardi Väisänen & Matile, 1980***

This species is known only from mountains in central Europe (mainly the Alps). Recorded from Slovakia (1 m from High Tatras Mts collected by Mihályi) only by Väisänen (1984, erroneously as “Hungary”).

**Localities:** NP Muránska planina: Hrdzavá, 29.v.2009, 4 m (OK); NP Slovenský raj: Mt. Javorina 04.vi.2009, 1 m (OK).

**\**Mycomya (Mycomya) heydeni Plassmann, 1970***

A very rare Palaearctic species, in central Europe hitherto known only from Germany and Switzerland (Chandler 2011). This is the first record from Slovakia.

**Locality:** NP Muránska planina: Lopušná, 28.v.2009, 1 m (OK).

***Mycomya (Mycomya) levis (Dziedzicki, 1885)***

A rare Holarctic species, recorded recently as new to Slovakia (NP Muránska planina) by Ševčík (2009a).

**Localities:** NP Muránska planina: Hrdzavá, 3.ix.2008, 1 m (JŠ, Ševčík 2009a), 29.v.2009, 1 m (OK), Javorníková, 27.v.2009, 1 m (OK).

***Mycomya (Mycomya) marginata (Meigen, 1818)***

A rather common Holarctic species. Recorded from Slovakia by Väisänen (1984), Martinovský (1995) and Chandler (1995).

**Localities:** NP Muránska planina: Havrania dolina, 28.v.2009, 1 m (OK); NP Slovenský raj, Mt. Javorina, 4.vi.2009, 1 m (OK).

***Mycomya (Mycomya) neohyalinata Väisänen, 1984***

A common Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: road to Kl'ak, 26.v.2009, 1 m (OK); NP Slovenský kras, Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).

***Mycomya (Mycomya) nitida (Zetterstedt, 1852)***

An uncommon Holarctic species. Recorded from Slovakia (Velká Fatra Mts) by Ševčík (2004a).

**Localities:** NP Muránska planina: Hrdzavá, 29.v.2009, 1 m (OK), NP Slovenský raj, Hnilecká jelšina, 4.vi.2009, 2 m (OK).

***Mycomya (Mycomya) occultans (Winnertz, 1863)***

A rather rare Palaearctic species. Recorded from Slovakia (Remetské Hámre) by Väisänen (1984).

**Locality:** NP Slovenský kras: Drieňovec, 5.ix.2008, 1 m (JŠ).

***Mycomya (Mycomya) parva (Dziedzicki, 1885)***

A rare European species. Recorded from Slovakia (Donovaly) by Chandler (1995).

**Locality:** NP Muránska planina: Vel'ká lúka, 26.v.2009, 1 m (OK).

***Mycomya (Mycomya) punctata (Meigen, 1804)***

An uncommon European species. Recorded from Slovakia (NP Poloniny) by Ševčík (2004a).

**Localities:** NP Muránska planina: road to Kl'ak, Javorníková dolina: entrance, Zlatnica, Trsteník; NP Slovenský raj: Mt. Javorina (all OK). Sampling dates: v.-vi.

***Mycomya (Mycomya) ruficollis (Zetterstedt, 1852)***

A rather common Holarctic species. Recorded from Slovakia by Väisänen (1984), Martinovský (1995) and Chandler (1995).

**Localities:** NP Muránska planina: Maretkiná, Vel'ká lúka, Havrania dolina, Lopušná, Trsteník; NP Slovenský raj: Hnilecká jelšina, Hranovnické pleso (all OK). Sampling dates: v.-vi.

***Mycomya (Mycomya) sigma Johannsen, 1910***

A rare Holarctic species. Recorded from Slovakia by Väisänen (1984) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, 16.vi.2009, 1 m (JŠ).

***Mycomya (Mycomya) tenuis (Walker, 1856)***

A common Palaearctic species. From Slovakia recorded by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Dudlavky, NPR Šarkanica, Javorníková dolina, Hrdzavá, Maretkiná, Poludnica, Lopušná, Zlatnica, PR Mokrá Polana (OK, JŠ); NP Slovenský kras: Drieňovec (JŠ); NP Slovenský raj, Hnilecká jelšina (OK). Sampling dates: iv.-ix.

**\**Mycomya (Mycomya) tridens (Lundström, 1911)***

A very rare European species. Recently recorded from the Czech Republic (Podyjí NP) by Ševčík et al. (2005). This is the first record from Slovakia.

**Locality:** NP Muránska planina: Havrania dolina, 28.v.2009, 1 m (OK).

***Mycomya (Mycomya) tumida (Winnertz, 1863)***

A rather common European species. Recorded from Slovakia by Väisänen (1984) and Martinovský (1995).

**Localities:** NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 1 m (OK), Mt. Javorina 4.vi.2009, 1 m (OK).

***Mycomya (Mycomya) winnertzi (Dziedzicki, 1885)***

A common Holarctic species. Recorded from Slovakia by Laštovka (1984), Väisänen (1984), Chandler (1995), Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Slovenský kras: Silická Ladnica, 3.vi.2009, 1 m (OK); NP Slovenský raj, Mt. Javorina, 4.vi.2009, 1 m (OK).

***Mycomya (Mycomyopsis) affinis (Staeger, 1840)***

A rather rare Holarctic species. Recorded from Slovakia (Bardejov) by Väisänen (1984).

**Locality:** NP Muránska planina: Dolina Hronca, 6.ix.2008, 1 m (JŠ).

***Neoempheria striata (Meigen, 1818)***

A widely distributed but uncommon Palaearctic species. From Slovakia recorded by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, 28.vi.-26.vii.2010, 1 m (JŠ), Poludnica, Suchý dol, 13.vii.-8.ix.2011, 1 f, MT (JŠ).

***Neoempheria winnertzi Edwards, 1913***

An uncommon West Palaearctic species. Recorded from Slovakia (Poloniny NP) by Ševčík (2002).

**Localities:** NP Muránska planina: Dolina Dudlavky, Dolina Hronca, Hrdzavá, Lehotský potok (all JŠ). Sampling dates: vii.-ix.

### Sciophilinae

**\**Acnemia falcata Zaitzev, 1982***

A very rare Palaearctic species. In Europe it is known from Scandinavia, Bulgaria and one locality in the Czech Republic (cf. Ševčík 2001). This is the first record from Slovakia.

**Locality:** NP Muránska planina: Fabova hoľa, 16.vi.2009-25.viii.2009, 1 m, MT (JŠ).

***Acnemia nitidicollis (Meigen, 1818)***

A common Palaearctic species. Recently recorded from Slovakia (Poloniny NP, Poľana Mts) by Martinovský (1995) and (Ševčík 2009b).

**Localities:** NP Muránska planina: Poludnica, Cigánka, Zlatnica (OK, JŠ); NP Slovenský kras: Zádielská tiesňava (JŠ). Sampling dates: v-ix.

***Anaclileia dispar (Winnertz, 1863)***

A rare European species. Recorded from Slovakia (Belianske Tatry Mts) by Ševčík (1999).

**Localities:** NP Muránska planina: Hrdzavá, 29.v.2009, 1 m (OK); NP Slovenský raj: Stratenský kaňon, 2.vi.2009, 1 m (OK).

***Azana anomala (Staeger, 1840)***

A rather rare European species. Biology unknown. Recorded from Slovakia (Devínska Kobyla near Bratislava, Poľana Mts) by Ševčík (1999, 2009b).

**Localities:** NP Muránska planina: Fabova hoľa, 15.v.2009-16.vi.2009, 1 m, MT (JŠ); NP Slovenský raj: Hnílecká jelšina, 4.vi.2009, 1 m, Mt. Javorina, 4.vi.2009, 1 m (both OK).

***Baeopterygyna mihalyii Matile, 1975***

A very rare species, hitherto known only from central and southern Europe (see Kurina et al. 2011b). Recorded from Slovakia by Ševčík (1999, 2009b).

**Locality:** NP Muránska planina: Poludnica, top plateau, 942 m, light deciduous forest, 16.v.2009, 1 m, netting (JŠ).

***Leptomorphus forcipatus Landrock, 1918***

A rather rare European species. Recorded from Slovakia by Zaitzev & Ševčík (2003). Larvae are associated with wood-decaying fungi (Ševčík 2010).

**Locality:** NP Muránska planina: Fabova hoľa, 16.vi.2009-25.viii.2009, 1 m, MT (JŠ).

***Leptomorphus walkeri Curtis, 1831***

An uncommon European species. Recently recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Locality:** NP Muránska planina: Fabova hoľa, 16.vi.2009-25.viii.2009, 2 m, 2 f, MT (JŠ).

***Megalopelma nigroclavatum (Strobl, 1910)***

A rare Holarctic species. Recorded from Slovakia (Belianske Tatry and Poľana) by Ševčík (2000, 2009b).

**Localities:** NP Muránska planina: Fabova hoľa, 15.v.2009-16.vi.2009, 4 m, MT (JŠ); Hrdzavá, 570m, 28.vi.-26.vii.2010, 1 m, MT (JŠ)

***Monoclona braueri (Strobl, 1895)***

A rare Holarctic species. Recently recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Locality:** NP Muránska planina: Fabova hoľa, 16.vi.-25.viii.2009, 4 m, MT (JŠ).

***Monoclona rufilatera (Walker, 1837)***

A common Holarctic species. Recently recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Hronca, 6.ix.2008, 1 m, Hrdzavá, 28.vi.-26.vii.2010, 3 m, MT (JŠ), Poludnica, Suchý dol, 13.vii.-8.ix.2011, 2 m, MT (JŠ); NP Slovenský raj: Piecky, 26.ix.2009, 1 m (JŠ).

***Monoclona silvatica* Zaitzev, 1983**

A rare Palaearctic species. Recorded from Slovakia (Poloniny NP and Poľana Mts) by Ševčík (2002, 2009b).

**Locality:** NP Muránska planina: Tisovec env., along Furmanec brook, 12.vii.2011, 1 m (JŠ).

**\**Neuratelia minor* (Lundström, 1912)**

A mainly Mediterranean species, with the northernmost record in Europe from Hungary. This is the first record from Slovakia.

**Localities:** NP Muránska planina: Muráň, 483 m, along banks of rivulet Muráň, 30.v.2009, 1 m ; Šiance, 656 m, vegetation in deciduous forest, 30.v.2009, 1 m (both OK).

***Neuratelia nemoralis* (Meigen, 1818)**

A widely distributed Holarctic species. Recently recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Localities:** NP Muránska planina: Maretkiná, Havrania dolina, Trsteník (OK). NP Slovenský raj: Hnilecká jelšina, Mt. Javorina (OK). Sampling dates: v-vi.

***Paratinia sciarina* Mik, 1874**

A rare European species. Recently recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Localities:** NP Muránska planina: Fabova hoľa, 16.vi.-25.viii.2009, 1 m, MT (JŠ), Poludnica, Suchý dol, 31.v.-13.vii.2011, 1 m, MT (JŠ).

***Phthinia humilis* Winnertz, 1863**

A common Palaearctic species. Recently recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Localities:** NP Muránska planina: Fabova Hola, Dolina Dudlavky, Havrania dolina, Hrdzavá, Javorníková, Maretkiná, Lopusná, Zlatnica, Trsteník; NP Slovenský raj: Mt. Javorina; NP Slovenský kras: Zádielská tiesňava (JŠ, OK). Sampling dates: v-ix.

***Phthinia mira* (Ostroverkhova, 1977)**

A rather rare Palaearctic species. Recently recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Localities:** NP Muránska planina: Fabova Hola, Hrdzavá, Javorníková, Maretkiná, Muráň, Poludnica, Šiance (JŠ, OK). Sampling dates: v-ix.

***Phthinia winnertzi* Mik, 1869**

A rare Palaearctic species. Recently recorded from Slovakia (Poloniny NP, Poľana Mts) by Martinovský (1995) and (Ševčík 2009b).

**Localities:** NP Muránska planina: Havrania dolina, Hrdzavá, Javorníková, Maretkiná, Šiance (JŠ, OK); NP Slovenský raj: Hranovnické pleso (OK); NP Slovenský kras: Drieňovec, Zádielská tiesňava (JŠ). Sampling dates: v-ix.

***Polylepta guttiventris* (Zetterstedt, 1852)**

A rather common European species. Recently recorded from Slovakia (Poloniny NP, Poľana Mts) by Martinovský (1995) and (Ševčík 2009b).

**Localities:** NP Muránska planina: Havrania dolina, Hrdzavá, Javorníková, Poludnica (OK, JŠ); NP Slovenský raj: Mt. Javorina, Hranovnické pleso (OK). Sampling dates: v-vi.

**\**Polylepta zonata* (Zetterstedt, 1858)**

A rare European species (Fig. 8c), very similar to the previous one. Kurina (2003) reviewed the European species of this genus and recorded *P. zonata* as new for the Czech Republic (Moravia: Adamov and Bílovice, in Landrock collection). This is the first record from Slovakia.

**Localities:** NP Muránska planina: Javorníková dolina, entrance, 27.v.2009, 1 f (OK); NP Slovenský kras: Drieňovec, along waterless brook in a hornbeam forest, 5.ix.2008, 1 m (JŠ).

***Sciophila fenestella* Curtis, 1837**

An uncommon Holarctic species. Recorded from Slovakia by Ševčík (2005a) and Ševčík (2009b). Larvae of *Sciophila* Meigen usually develop on the surface of various fungi where they build typical silk webs (see Ševčík 2010).

**Localities:** NP Muránska planina: Cigánka, Fabova Hoľa, Hrdzavá, Šarkanica (JŠ). Sampling dates: v-ix.

***Sciophila lutea* Macquart, 1826**

A locally common European species. Recently recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Locality:** NP Muránska planina: Šarkanica (JŠ). Sampling date: iv.

***Sciophila thoracica* Staeger, 1840**

A rather common Palaearctic species. Recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, Javorníková, Veľká Lúka (OK, JŠ). Sampling dates: v-vi.

***Sytemna daisetsusana* Okada, 1938**

A very rare Palaearctic species described from Japan and later recorded from Finland, Germany, Russian Karelia and Switzerland. Recorded for the first time from Slovakia (Poľana Mts) by Ševčík (2005b, 2009b).

**Locality:** NP Muránska planina: Hrdzavá, 1.v.2010-28.vi.2010, 1 m, MT (JŠ).

***Sytemna nitidula* Edwards, 1925**

A rare Holarctic species. Recorded for the first time from Slovakia (Poľana Mts) by Ševčík (2005b, 2009b).

**Locality:** NP Muránska planina: Maretkiná, 26.v.2009, 1 m (OK).

***Sytemna stylata* Hutson, 1979**

A very rare European species. Recorded for the first time from Slovakia (Poľana Mts) by Ševčík (2005b, 2009b).

**Locality:** NP Muránska planina: Fabova hoľa, 15.v.2009-16.vi.2009, 1 m, MT (JŠ).

**Gnoristinae**

***Apolephthisa subincana* (Curtis, 1837)**

A rather common European species. Recently recorded from Slovakia (Poloniny NP, Poľana Mts) by Martinovský (1995) and (Ševčík 2009b).

**Localities:** NP Muránska planina: Fabova Hoľa, Šiance (OK, JŠ); NP Slovenský raj: Kopanec (OK); NP Slovenský kras: Zádielská tiesňava (JŠ). Sampling dates: v- xi.

***Boletina basalis* (Meigen, 1818)**

A rather common European species. Biology unknown. Recorded from Slovakia (Poloniny NP, Poľana Mts) by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, Maretkiná, Veľká Lúka (JŠ, OK). Sampling date: v.

***Boletina dispecta* Dziedzicki, 1885**

A rather rare Palaearctic species. Recorded for the first time from Slovakia (Poloniny NP) by Martinovský (1995).

**Locality:** NP Muránska planina: Hrdzavá, 28.vi.-26.vii.2010, 4 m, MT (JŠ).

***Boletina gripha* Dziedzicki, 1885**

A common Palaearctic species. Recorded from Slovakia by Laštovka (1984), Chandler (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Bobačka, Poludnica (JŠ); NP Slovenský raj: Kopanec, Mt. Javorina (OK); NP Slovenský kras: Drieňovec, Silická Jablonica (JŠ). Sampling dates: v- x.

**\**Boletina lundbecki* Lundström, 1912**

A rare European species. This is the first record from Slovakia.

**Locality:** NP Muránska planina: Hrdzavá, 29.v.2009, 1 m (OK).

***Boletina lundstroemi* Landrock, 1912**

A rare Palaearctic species. Recorded from Slovakia (Poloniny NP, Poľana Mts) by Ševčík (2004a, 2009b).

**Locality:** NP Muránska planina: Lopusná, spruce forest, 28.v.2009, 1 m (OK).

**\**Boletina minuta* Polevoi in Zaitzev & Polevoi, 1995**

A very rare species described from northern Europe and recorded from several European countries, including the Czech Republic (Ševčík 2004). This is the first record from Slovakia.

**Localities:** NP Muránska planina: Fabova hoľa, 16.vi.2009-25.viii.2009, 1 m, MT (JŠ), road to Kľak, spruce forest with *Vaccinium myrtillus*, 26.v.2009, 1 m (OK); Trsteník, spruce forest along a small stream, 28.v.2009, 1 m (OK).

***Boletina moravica* Landrock, 1912**

A rare European species recorded for the first time from Slovakia by Ševčík (2009b).

**Locality:** NP Muránska planina: Lopusná, spruce forest, 28.v.2009, 1 m (OK).

**\**Boletina nasuta* (Haliday, 1839)**

A very rare Palaearctic species (Fig. 8a), known from several European countries including the Czech Republic (Bohemia). This is the first record from Slovakia.

**Localities:** NP Muránska planina: Hrdzavá, 1.v.-28.vi.2010, 1 m, MT (JŠ), Trsteník, spruce forest along a small stream, 28.v.2009, 1 m, 1 f (OK); NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 3 m (OK).

***Boletina nitida* Grzegorzek, 1885**

A widespread Palaearctic species. Recorded from Slovakia by Ševčík (2004a, 2009b).

**Localities:** NP Slovenský kras: Drieňovec, Zádielská tiesňava (JŠ). Sampling date: ix.

**\**Boletina pallidula* Edwards, 1925**

An uncommon European species. This is the first record from Slovakia.

**Locality:** NP Slovenský kras: Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).

***Boletina plana* Walker, 1856**

A rather common Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Cigánka, Dolina Dudlavky, Maretkiná (JŠ, OK); NP Slovenský kras: Silická Ladnica (OK). Sampling dates: v- ix.

***Boletina sciarina* Staeger, 1840**

A rather common Palaearctic species. Recorded from Slovakia by Laštovka (1984), Martinovský (1995) and Ševčík (2009b).

**Locality:** NP Slovenský raj: Mt. Javorina (OK). Sampling date: vi.

***Boletina trispinosa* Edwards, 1913**

A rather rare Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Locality:** NP Muránska planina: Hrdzavá, 1.v.- 26.vii.2010, 2 m, MT (JŠ); NP Slovenský raj: Stratená, 27.ix.2009, 1 m (JŠ).

***Boletina trivittata* (Meigen, 1818)**

A common Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Dudlavky, Fabova Hoľa, Havrania dolina, Hrdzavá, Lopušná, Maretkiná, road to Kľak, Šiance, Trsteník, Veľká ľúka (JŠ, OK); NP Slovenský raj: Hnilecká jelšina, Piecky, Stratená (JŠ, OK). Sampling dates: v-x.

***Coelophthinia thoracica* (Winnertz, 1863)**

A rather rare European species. Recorded for the first time from Slovakia (Poloniny NP) by Ševčík (2002).

**Localities:** NP Muránska planina: Fabova hoľa, 15.v.2009-16.vi.2009, 1 m, MT, Hrdzavá, 1.v.- 26.vii.2010, 2 m, MT, Javorníková, 14.v.2009, 1 m (all JŠ), Maretkiná, 26.v.2009, 1 m (OK); NP Slovenský kras: Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).

***Coelosia flava* (Staeger, 1840)**

A locally common European species. Recorded for the first time from Slovakia (Poľana Mts) by Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, Javorníková (JŠ, OK).

***Coelosia fusca* Bezzi, 1892**

A rather rare European species. Recorded from Slovakia by Chandler (1995) and Ševčík (2009b).

**Locality:** NP Muránska planina: Dolina Hronca, vegetation along Hronec brook, 6.ix.2008, 4 m (JŠ).

***Drepanocercus spinistylus* Söli, 1993**

A rare boreomontane species known only from northern and central Europe. Recorded from Slovakia (Belianske Tatry Mts and Poľana Mts) by Ševčík (2004a, 2009b).

**Locality:** NP Muránska planina: Fabova hoľa, 15.v.2009-16.vi.2009, 1 m, 16.vi.2009-25.viii.2009, 1 m, MT (JŠ).

***Gnoriste bilineata* Zetterstedt, 1852**

A rare European species with remarkably long mouthparts. Recorded from Slovakia (Vyšné Hágy and Poľana Mts) by Laštovka (1984) and Ševčík (2009b).

**Locality:** NP Muránska planina: Fabova hoľa, 16.vi.2009-25.viii.2009, 1 m, 1 f, MT (JŠ).

***Grzegorzekia collaris* (Meigen, 1818)**

A rather rare European species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Fabova Hoľa, Maretkiná (JŠ, OK); NP Slovenský kras: Drieňovec (JŠ). Sampling dates: v-ix.

***Palaeodocosia vittata* (Coquillett, 1901) /= *P. janickii* (Dziedzicki, 1923)/**

A rare European species. Recorded from Slovakia (Poloniny NP, Poľana Mts) by Ševčík (2002, 2009b).

**Locality:** NP Muránska planina: Hrdzavá, 1.v.- 28.vi.2010, 1 m, MT (JŠ).

***Saigusaia flaviventris* (Strobl, 1894)**

A widely distributed Palaearctic species. Recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, Javorníková, Šiance (JŠ, OK). Sampling dates: v-vii.

***Synapha vitripennis* (Meigen, 1818)**

A rather common European species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Fabova Hoľa, Hrdzavá, Poludnica (JŠ). Sampling dates: v-vii.

## Leiinae

***Docosia flavicoxa* Strobl, 1900**

A rather rare European species, previously known under the name *Docosia pallipes* Edwards, 1941 or *D. similis* Landrock, 1928 (see Laštovka & Ševčík 2006). Recently recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Locality:** NP Muránska planina: NPR Cigánka, 4.ix.2008, 1 m (JŠ).

***Docosia fuscipes* (von Roser, 1840)**

A locally common European species. Recorded from Slovakia by Ševčík (2000, 2009b).

**Localities:** NP Muránska planina: Bobačka, Javorníková, Mokrú Poľana, Šarkanica, Šiance (JŠ, OK). Sampling dates: iv- v.

***Docosia lastovkai* Chandler, 1994**

This species was described from Israel and later recorded from several European countries. Recorded from Slovakia by Laštovka & Ševčík (2006) and Ševčík (2009b).

**Localities:** NP Muránska planina: Fabova hoľa, 16.vi.2009-25.viii.2009, 1 m, MT, Hrdzavá, 1.v.- 26.vii.2010, 2 m, MT (JŠ).

***Docosia montana* Laštovka & Ševčík, 2006**

A recently described species from the Czech Republic, Austria and Slovakia (Laštovka & Ševčík 2006).

**Locality:** NP Muránska planina: Fabova hoľa, 16.vi.2009-25.viii.2009, 1 m, MT (JŠ).

***Docosia moravica* Landrock, 1916**

A locally common European species. Recorded from Slovakia by Laštovka & Ševčík (2006) and Ševčík (2009b).

**Locality:** NP Muránska planina: Šiance, vegetation in deciduous forest, 30.v.2009, 2 m (OK).

***Docosia muranica* Kurina & Ševčík, 2011**

A recently described species, only known from Muránska planina and Kerkini Lake in Greece (Kurina & Ševčík 2011).

**Localities:** NP Muránska planina: Muránska Huta, near NPP Bobačka, 1.v.2010, 3 m 1f, Šarkanica, 30.iv.2010, 1 m, Šiance, 1.v.2010, 1 m, Mokrá Polana, 2.v.2010, 1 m (all JŠ, Kurina & Ševčík 2011).

***Docosia sciarina* (Meigen, 1830)**

A rather common European species. Recorded from Slovakia by Laštovka & Ševčík (2006).

**Localities:** NP Muránska planina: Šiance, 1.v.2010, 1 m (JŠ), Veľká Lúka, 26.v.2009, 1 f (OK).

**\**Docosia setosa* Landrock, 1916**

A rather rare European species. This is the first record from Slovakia.

**Locality:** NP Muránska planina: Poludnica, top plateau, 942 m, light deciduous forest, 16.v.2009, 1 m (JŠ).

***Ectrepesthoneura referta* Plassmann, 1976**

A rather rare montane species, known from several European countries. Recorded from Slovakia by Ševčík (1999, 2009b).

**Localities:** NP Muránska planina: Fabova hoľa, 15.v.2009-16.vi.2009, 1 m, MT (JŠ), Hrdzavá, 29.v.2009, 2 m (OK); NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 3 m, Mt. Javorina, 4.vi.2009, 2 m (both OK).

***Greenomyia mongolica* Laštovka & Matile, 1974**

A widely distributed but local Palaearctic species (cf. Kurina et al. 2011a). Recorded from both the Czech Republic (Moravia) and Slovakia (Devínska Kobyla nr. Bratislava) by Ševčík & Martinovský (1999).

**Locality:** NP Muránska planina: Fabova hoľa, 16.vi.2009-25.viii.2009, 1 m, MT (JŠ).

***Leia bilineata* (Winnertz, 1863)**

A rather common European species.

**Locality:** NP Muránska planina: Hrdzavá, 28.vi.- 26.vii.2010, 1 m, MT (JŠ).

***Leia bimaculata* (Meigen, 1804)**

A common Palaearctic species. Larvae associated with fungi. Recorded from Slovakia by Martinovský (1995) and Ševčík (2010).

**Localities:** NP Muránska planina: Hrdzavá, Šarkanica (JŠ). Sampling dates: iv- vii.

***Leia cylindrica* (Winnertz, 1863)**

A rather common European species. Recorded from Slovakia (Poľana Mts) by Ševčík (2009b).

**Locality:** NP Muránska planina: Hrdzavá, 28.vi.- 26.vii.2010, 4 m, MT (JŠ).

***Leia hungarica* Ševčík & Papp, 2003**

A recently described species (Fig. 1) from the Aggtelek National Park in northern Hungary (Ševčík & Papp 2003). Recorded for the first time from Slovakia (Poľana Mts) by Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, 28.vi.- 26.vii.2010, 1 m, 5 f, MT (JŠ), Poludnica, 13.vii.2011, 3 m, 2 f (JŠ).

***Leia picta* Meigen, 1830**

A rather rare Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Locality:** NP Muránska planina: Fabova hoľa, 16.vi.2009-25.viii.2009, 1 m, MT (JŠ).

***Leia subfasciata* (Meigen, 1818)**

A rather rare Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Locality:** NP Muránska planina: Hrdzavá, 14.v.2009, 1 m (JŠ).

***Leia winthemii* Lehmann, 1822**

A rather common Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Hronca, Poludnica, Tisovec (JŠ); NP Slovenský kras: Drieňovec, Zádlielská tiesňava (JŠ). Sampling dates: vii-ix.

***Novakia scatopsiformis* Strobl, 1893**

A rare European species, recorded for the first time from Slovakia by Ševčík (2009a,b).

**Locality:** Šiance, top plateau, 7.ix.2011, 1 m (J. Roháček leg.).

***Rondaniella dimidiata* (Meigen, 1804)**

A widely distributed Palaearctic species. Larvae associated with various fungi. Recorded from Slovakia by Ševčík (2004b, 2009b, 2010).

**Locality:** NP Muránska planina: Hrdzavá, 28.vi.- 26.vii.2010, 1 m, MT (JŠ).





**Figs. 1–2:** 1 – male of *Leia hungarica* Ševčík & Papp, 2003; 2 – male of *Allodia westerholti* Caspers, 1980. Photos by J. Ševčík.



**Figs. 3–4:** 3 – female of *Dynatosoma majus* Landrock, 1912; 4 – female of *Epicypta torquata* Matile, 1977. Photos by J. Ševčík (3) & J. Roháček (4).

***Tetragoneura ambigua* Grzegorzek, 1885**

A rare montane Palaearctic species. Recorded from Slovakia by Chandler (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Fabova hoľa, 16.vi.2009-25.viii.2009, 4 m, MT, Dolina Hronca, vegetation along Hronec river, 6.ix.2008, 1 m (both JŠ).

***Tetragoneura sylvatica* (Curtis, 1837)**

A rather common Palaearctic species. Recorded from Slovakia by Ševčík (2004a, 2009b).

**Locality:** NP Muránska planina: Javorníková, 27.v.2009, 1 m (OK).

**Mycetophilinae**

**Mycetophilini**

***Dynatosoma cochleare* Strobl, 1895**

A rather rare Palaearctic species. Larvae of this genus are associated with polypores. Recorded from Slovakia by Papp & Ševčík (2007) and Ševčík (2009b).

**Localities:** NP Muránska planina: road to Kľak, around NPP Bobačka (OK, JŠ). Sampling date: v.

***Dynatosoma fuscicorne* (Meigen, 1818)**

A common Holarctic species. Recorded from Slovakia by Laštovka (1984), Chandler (1995), Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Cigánka, Hrdzavá, Javorníková, road to Kľak, Tisovec (OK, JŠ); NP Slovenský kras: Zádielská tiesňava (JŠ). Sampling dates: v-ix.

***Dynatosoma majus* Landrock, 1912**

A locally common Palaearctic species (Fig. 3), described from southern Moravia (Czech Republic). In central and eastern Slovakia one of the commonest species of the genus (Martinovský 1995, Ševčík 2009b).

**Localities:** NP Muránska planina: Havrania dolina, Hrdzavá, Javorníková, Poludnica, road to Kľak, Veľká lúka (OK, JŠ); NP Slovenský kras: Krásnohorská jaskyňa (OK). Sampling dates: v-ix.

***Dynatosoma nigromaculatum* Lundström, 1913**

A rare Palaearctic species. Recorded from Slovakia (Poloniny NP, Poľana Mts) by Ševčík (2002, 2009b).

**Localities:** NP Muránska planina: Hrdzavá, 28.vi.-26.vii.2010, 3 m, MT (JŠ); NP Slovenský kras, Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).

***Dynatosoma reciprocum* (Walker, 1848)**

An uncommon Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Fabova hoľa, Poludnica (OK, JŠ); NP Slovenský raj: Kopanec (OK). Sampling dates: v-ix.

***Dynatosoma thoracicum* (Zetterstedt, 1838)**

A rare Palaearctic species. Recorded from Slovakia by Ševčík (2004a, 2009b).

**Locality:** NP Muránska planina: Fabova hoľa, 15.v.2009-16.vi.2009, 1 m, MT (JŠ).

***Epicypa torquata* Matile, 1977**

A rare European species (Fig. 4). Recorded for the first time from Slovakia (Poľana Mts) by Ševčík (2007).

**Localities:** NP Muránska planina: Hrdzavá, 3.ix.2008, 2 m, NPP Bobačka, 1.v.2010, 2 m; NP Slovenský kras: Drieňovec, 5.ix.2008, 1 m, Zádielská tiesňava, 5.ix.2008, 1 m (all JŠ).

***Macrobrachius kowarzii* Dziedzicki, 1889**

A very rare European species. Recorded from Slovakia (Poloniny NP, Poľana Mts) by Ševčík (2004a, 2009b).

**Locality:** NP Muránska planina: Hrdzavá, 3.ix.2008, 1 m, 16.vi.2009, 1 m (JŠ).

***Mycetophila adumbrata* Mik, 1884**

A rare Palaearctic species. Larvae develop in the myxomycete *Lycogala epidendrum* (see Ševčík 2010).

**Locality:** NP Muránska planina: Hrdzavá, 1.v.2010, 1 m, 26.vi.-26.vii.2010, 1 m, MT (both JŠ).

***Mycetophila alea* Laffoon, 1965**

A common Holarctic species. Larvae monophagous in *Russula nigricans* (see Ševčík 2010).

**Localities:** NP Muránska planina: Dolina Hronca (JŠ), Javorníková dolina, Maretkiná, Veľká lúka, Zlatnica (OK). Sampling dates: v.-ix.

***Mycetophila attonsa* (Laffoon, 1957)**

A rare montane Holarctic species. Larvae develop in *Fomitopsis pinicola* (see Ševčík 2010).

**Locality:** NP Muránska planina: Fabova hoľa, 15.v.-16.vi.2009, 3 m, MT (JŠ).

***Mycetophila autumnalis* Lundström, 1909**

A rare European species. Recorded for the first time from Slovakia (Hriňová in Poľana Mts) by Ševčík (2004a) and erroneously omitted by Ševčík (2009b).

**Localities:** NP Muránska planina: Poludnica, Suchý dol, 13.vii.2011, 1 m (JŠ).

***Mycetophila bialorussica* Dziedzicki, 1884**

A rather rare Palaearctic species. Larvae in polypores. Recorded from Slovakia by Ševčík (2004a).

**Locality:** NP Slovenský kras, Drieňovec, 5.ix.2008, 1 m (JŠ).

***Mycetophila blanda* Winnertz, 1863**

A rather common Palaearctic species. Larvae develop in *Lactarius* spp.

**Localities:** NP Muránska planina: road to Kl'ak, Hrdzavá, Javorníková dolina, Maretkiná, Veľká lúka (OK, JŠ); NP Slovenský raj: Hnilecká jelšina (OK). Sampling dates: v.-xi.

***Mycetophila bohemia* (Laštovka, 1963)**

An uncommon Palaearctic species. From Slovakia (Ždiar) recorded by Chandler (1995).

**Localities:** NP Muránska planina: Hrdzavá, Javorníková dolina, Maretkiná, Murán, Šiance, Zlatnica; NP Slovenský raj: Hnilecká jelšina, Hranovnické pleso (all OK). Sampling dates: v.-vi.

***Mycetophila boreocruciator* Ševčík, 2003**

A recently described species, hitherto known only from Sweden, Estonia and Slovakia (Ševčík 2003).

**Locality:** NP Muránska planina: Poludnica, 4.ix.2008, 1 m (JŠ).

***Mycetophila caudata* Staeger, 1840**

A rather rare Holarctic species. Biology unknown. From Slovakia (Hriňová) recorded for the first time by Ševčík (2000).

**Locality:** NP Muránska planina: Dolina Dudlavky, 6.ix.2008, 1 m (JŠ), Poludnica, Suchý dol, 8.ix.2011, 1 m (JŠ).

***Mycetophila curviseta* Lundström, 1911**

A locally common Palaearctic species. Biology unknown. From Slovakia recorded by Chandler (1995), Martinovský (1995) and Ševčík (2004a, 2009b).

**Localities:** NP Muránska planina: Fabova Hola, Dolina Dudlavky, Ladová jama na Muráni, Hrdzavá, Javorníková, Lehotský potok, Poludnica, Veľká lúka, Šiance; NP Slovenský kras: Zádielská tiesňava; NP Slovenský raj: Kopanec (OK, JŠ). Sampling dates: v.-xi.

**\**Mycetophila czizekii* Landrock, 1911**

A rather rare European species, hitherto not reported from Slovakia.

**Localities:** NP Muránska planina: Poludnica, Javorníková, Maretkiná, Murán, Zlatnica; NP Slovenský raj: Hnilecká jelšina (OK, JŠ). Sampling dates: v.-ix.

***Mycetophila devioides* Bechev, 1988**

A recently described and apparently rare and local species, hitherto known only from Bulgaria and Slovakia (Ševčík 2004a).

**Localities:** NP Muránska planina: Hrdzavá, 3.ix.2008, 1 m, Poludnica, 4.ix.2008, 1 m (both JŠ).

***Mycetophila distigma* Meigen, 1830**

A rare Palaearctic species. Larvae in *Bjerkandera adusta* (cf. Ševčík 2004a). Recorded for the first time from Slovakia by Ševčík (2004a).

**Localities:** NP Muránska planina: Poludnica, 4.ix.2008, 1 m; NP Slovenský kras: Zádielská tiesňava, 5.ix.2008, 1 m (both JŠ).

***Mycetophila edwardsi* Lundström, 1913**

A rather rare Palaearctic species. Biology unknown. From Slovakia recorded by Chandler (1995) and Ševčík (2004a, 2009b).

**Localities:** NP Muránska planina: road to Kl'ak, 26.v.2009, 1 m (OK); NP Slovenský raj: Stratená, 27.ix.2009, 1 m (JŠ).

**\**Mycetophila eppingensis* Chandler, 2001**

A recently described species, hitherto known only from Great Britain, Denmark and Switzerland (Chandler 2011). The opportunity is taken here to record this species also from Poľana Mts (Zadná Poľana, 3.vii.-18.viii.2006, 1 m, MT, JŠ). The male terminalia (Fig. 5) are similar to those of the Nearctic species *Mycetophila sierrae* (Laffoon, 1957), *M. concinna* (Laffoon, 1957) and *M. percursa* (Laffoon, 1957). This is the first record from Slovakia.

**Locality:** NP Muránska planina: Poludnica, 4.ix.2008, 1 m (JŠ).

**\**Mycetophila estonica* Kurina, 1992**

A recently described Palaearctic species. Within central Europe hitherto known only from the Czech Republic (Ševčík 2010). This is the first record from Slovakia.

**Localities:** NP Muránska planina: road to Kl'ak, Hrdzavá, Javorníková dolina, Maretkiná, Zlatnica (OK). Sampling dates: v.

***Mycetophila extincta* Loew, 1869 /= *M. mikii* Dziedzicki, 1889/**

A rare Holarctic species. Recorded for the first time from Slovakia (NP Poloniny) by Ševčík & Papp (2003).

**Locality:** NP Muránska planina: Poludnica, 4.ix.2008, 2 m (JŠ), Poludnica, Suchý dol, 8.ix.2011, 1 m (JŠ).



**Fig. 5:** *Mycetophila eppingensis* Chandler, 2001, male terminalia in ventral view.

***Mycetophila finlandica* Edwards, 1913**

An uncommon Holarctic species. Larvae in *Tricholomopsis* spp. Recorded from Slovakia by Ševčík (2005b).

**Locality:** NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 1 m (OK).

***Mycetophila formosa* Lundström, 1911**

A rather rare Palaearctic species. Recorded for the first time from Slovakia (NP Poloniny) by Ševčík & Papp (2003).

**Locality:** NP Muránska planina: Maretkiná, 26.v.2009, 1 m (OK).

***Mycetophila fungorum* (De Geer, 1776)**

A very common Palaearctic species. Larvae polymycophagous. Recorded from Slovakia by Laštovka (1984), Chandler (1995), Martinovský (1995), Ševčík (2004b, 2009b, 2010).

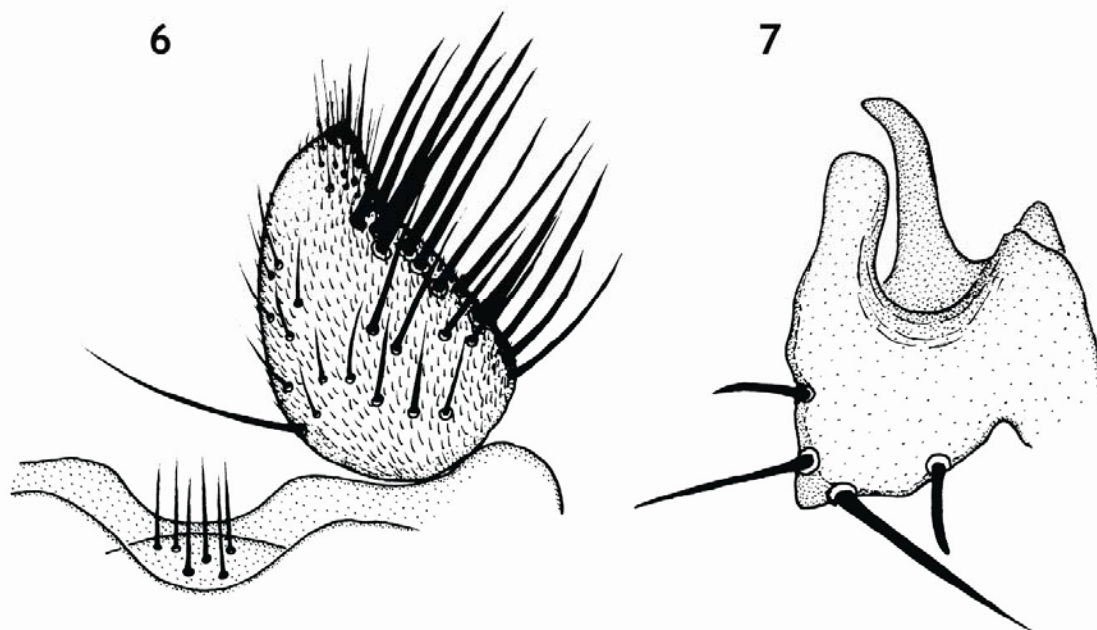
**Localities:** NP Muránska planina: road to Kl'ak, Javorníková dolina, Maretkiná, Poludnica, Vel'ká lúka, Zlatnica; NP Slovenský kras: Silická Ladnica, Drieňovec, Zádielská tiesňava; NP Slovenský raj: Hnilecká jelšina, Kopanec (OK, JŠ). Sampling dates: v.-ix.

***Mycetophila gemerensis* sp. n.**

**Type material:** Holotype male: SLOVAKIA, NP Muránska planina: PR Fabova Hoľa, 16.vi.-25.viii.2009, Malaise trap, J. Ševčík leg., coll. SZMO.

**Description.** Male. Wing length 3.6 mm. Head dark brown. Antennae brown, scape, pedicel and the first flagellomere yellowish. Mouthparts and palpi brownish yellow. Thorax mostly dark brown (proepisternum lighter), scutum with yellow humeral patches proximolaterally and a small yellow spot medially at hind margin. Scutellum dark brown, medially yellow, with four long apical bristles. Halteres yellow. Legs yellowish, hind femora apically darkened. Mid tibia with 3 anterior, 1 anterodorsal, 6 dorsal (basal one shorter), 2 posterior and 3 ventral setae. Hind tibia with 7 strong anterior, 0 anterodorsal, 10 dorsal (4 of them strong, the other weak, including basal one), 2 posterior and 2 weak ventral setae. Wings hyaline, with a central spot and short subapical band, reaching to about a half the distance of R5 and median fork. Abdomen all dark brown. Terminalia see Figs 6, 7.

**Comments.** This species is very similar to *M. strigata* Staeger, 1840 and *M. lastovkai* Caspers, 1984. The main differences are in the shape of the dorsal part of gonostylus (its median part is remarkably prolonged, slightly S-shaped and pointed, see Fig. 7) and in the presence of stronger megasetae on dorsolateral margin of ventral part of gonostylus.



**Figs. 6–7:** *Mycetophila gemerensis* sp. n., male terminalia, 6 – ventral view; 7 – dorsal part of gonostylus

***Mycetophila hetschkoii* Landrock, 1918**

A rare European species described from the Czech Republic (Komorní Lhotka). Larvae in *Ramaria* spp. (Ševčík 2010). Recorded from Slovakia by Laštovka (1984), Martinovský (1995) and Ševčík (2009b, 2010).

**Localities:** NP Muránska planina: Hrdzavá, 14.v.2009, 1 m (JŠ), Maretkiná, 26.v.2009, 2 m (OK), NPR Šarkanica, 8.ix.2011, 1 m (JŠ); NP Slovenský kras: Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).

***Mycetophila hyrcania* Laštovka & Matile, 1969**

A very rare Palaearctic species. Recorded for the first time from Slovakia (Poľana Mts) by Ševčík (2006a).

**Locality:** NP Muránska planina: Javorníková dolina: entrance, 27.v.2009, 1 m (OK), Poludnica, 4.ix.2008, 1 m (JŠ); Tisovec env., along Furmanec brook, 12.vii.2011, 1 m (JŠ).

***Mycetophila ichneumonea* Say, 1823**

A rather common Holarctic species. Recorded from Slovakia by Laštovka (1984).

**Localities:** NP Muránska planina: Hrdzavá, Javorníková dolina, Maretkiná, Veľká lúka, Murán, Zlatnica; NP Slovenský kras: Silická Ladnica; NP Slovenský raj: Hnilecká jelšina, Hranovnické pleso (OK). Sampling dates: v.-vi.

***Mycetophila karpathica* Landrock, 1925**

A very rare species described from the Czech Republic (Moravskoslezské Beskydy Mts) and known also from Croatia and the Ukraine. Recently recorded from Slovakia (NP Poloniny) by Ševčík (2004a).

**Localities:** NP Muránska planina: Poludnica, Suchý dol, 4.ix.2008, 1 m (JŠ).

***Mycetophila laeta* Walker, 1848**

A rare Holarctic species. Larvae in *Fomitopsis pinicola* and other tough polypores (see Ševčík 2010). From Slovakia (NP Poloniny) first recorded by Ševčík (2004a).

**Locality:** NP Muránska planina: Fabova hoľa, 15.v.-16.vi.2009, 2 m, MT (JŠ).

***Mycetophila lamellata* Lundström, 1911**

A rather rare European species. From Slovakia (Poloniny NP) first recorded by Martinovský (1995).

**Localities:** NP Muránska planina: Hrdzavá, NPR Šarkanica (E part of Martinova dolina), Javorníková, Poludnica, around NPP Bobačka; NP Slovenský kras, Drieňovec, Zádielská tiesňava (OK, JŠ). Sampling dates: iv.-ix.

***Mycetophila lastovkai* Caspers, 1984**

A very rare Holarctic species. Recorded for the first time from Slovakia (Poloniny NP) by Ševčík (2004a).

**Localities:** NP Muránska planina: Zlatnica, 28.v.2009, 1 m (OK); NP Slovenský kras: Krásnohorská j. 3.vi.2009, 1 m (OK).

**\**Mycetophila lobulata* Zaitzev, 1999**

A recently described Palaearctic species, hitherto known only from several localities in Russia. This is the first record from Slovakia as well as from Central Europe.

**Localities:** NP Muránska planina: Poludnica, Suchý dol, 16.v.2009, 1 m (JŠ).

***Mycetophila luctuosa* Meigen, 1830**

A rather common Holarctic species. Larvae polymycophagous. Recorded from Slovakia by Ševčík (2004b).

**Localities:** NP Muránska planina: Fabova hoľa, 15.v.2009, 1 m (JŠ), Javorníková dolina: entrance, 27.v.2009, 2 m (OK); NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 1 m (OK).

***Mycetophila magnicauda* Strobl, 1895**

A rare Palaearctic species. Recorded for the first time from Slovakia (Poloniny NP) by Ševčík (2004a).

**Localities:** NP Muránska planina: Javorníková, Hrdzavá, Havrania dolina, NPR Zlatnica; NP Slovenský raj: Hnilecká jelšina, Stratená (OK, JŠ). Sampling dates: v.-xi.

***Mycetophila marginata* Winnertz, 1863**

A common Palaearctic species. Larvae in tree fungi. Recorded from Slovakia by Laštovka (1984), Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Dudlavky, road to Kl'ak, Hrdzavá, Ladová jama na Muráni, Javorníková, Maretkiná, Vel'ká lúka, Havrania dolina, Zlatnica, Trsteník (OK, JŠ); NP Slovenský raj: Hnilecká jelšina (OK). Sampling dates: v.-vi

***Mycetophila nigrofusca* Dziedzicki, 1884**

A rare Palaearctic species. Recorded for the first time from Slovakia (Poloniny NP) by Ševčík (2004a).

**Localities:** NP Muránska planina: Hrdzavá, 3.ix.2008, 1 m (JŠ), Javorníková dolina: middle part, 27.V.2009, 1 m (OK), Murán, 30.v.2009, 2 m (OK).

***Mycetophila occultans* Lundström, 1913**

A rather rare Palaearctic species. From Slovakia recently recorded by Chandler (1995).

**Localities:** NP Muránska planina: Hrdzavá, 16.vi.2009, 1 m (JŠ); NP Slovenský kras: Drieňovec, 5.ix.2008, 1 m (JŠ).

***Mycetophila ocellus* Walker, 1848**

A very common Holarctic species. From Slovakia recently recorded by Chandler (1995), Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina DudlavkyBátová, Dolina Hronca, road to Kl'ak, Ladová jama na Muráni, Hrdzavá, Javorníková dolina, Maretkiná, Poludnica, Cigánka, Vel'ká lúka, Lopušná, Murán, Zlatnica, around NPP Bobačka, Trsteník (OK, JŠ); NP Slovenský kras: Silická Ladnica, Drieňovec, Zádielská tiesňava (OK, JŠ); NP Slovenský raj: Mt. Javorina, Hnilecká jelšina, Hranovnické pleso, Kopanec (OK). Sampling dates: v.-x.

***Mycetophila ornata* Stephens, 1829**

A common Palaearctic species. Larvae in tree fungi. From Slovakia recently recorded by Chandler (1995), Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Fabova hoľa (MT), road to Kl'ak, Ladová jama na Muráni, Hrdzavá, Javorníková dolina, Maretkiná, Vel'ká lúka, Murán, Zlatnica (OK, JŠ); NP Slovenský raj: Hnilecká jelšina (OK). Sampling dates: v.-vi.

**\**Mycetophila paracruciator* Laštovka & Matile, 1974**

A very rare Palaearctic species described from Mongolia. This is the first record from Slovakia and also provides confirmation of its occurrence in Europe.

**Localities:** NP Muránska planina: Maretkiná, 26.v.2009, 1 m, Murán, 30.v.2009, 1 m, Zlatnica, 28.v.2009, 1 m (all OK).

**\**Mycetophila pseudoforcipata* Zaitzev, 1998**

A recently described Palaearctic species. This is the first record from Slovakia.

**Locality:** NP Muránska planina: Zlatnica, 28.v.2009, 1 m (OK).

***Mycetophila pumila* Winnertz, 1863**

A rather common Palaearctic species. From Slovakia recorded by Laštovka (1984), Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Dudlavky, Javorníková dolina, Hrdzavá (OK, JŠ); NP Slovenský kras: Zádielská tiesňava (JŠ). Sampling dates: v.-xi.

***Mycetophila quadra* Lundström, 1909 /= *M. chamberlini* (Laffoon, 1957) syn. n. /**

This species was published under the name *M. chamberlini* as new to Slovakia (a single male specimen from NP Poloniny) by Ševčík (2004a) who mentioned its similarity with *M. limbata* (Lundström, 1909) but

overlooked the species *M. quadra*. As the holotype of *M. chamberlini* was studied by JŠ in 2002, it is now evident that it is a junior synonym of *M. quadra* while the identity of *M. limbata* remains unclear. The specimen from Muránska planina has only 2 (not 3) thick apical setae on each ventral part of gonostylus but this is not considered here as important.

**Locality:** NP Muránska planina: Poludnica, 4.ix.2008, 1 m (JŠ).

***Mycetophila schnablii* (Dziedzicki, 1884)**

A rare, mainly montane Holarctic species. Recorded from Slovakia by Ševčík (2009b).

**Localities:** NP Muránska planina: Fabova hoľa, 15.v.2009, 1 m (JŠ), Dolina Dudlavky, 6.ix.2008, 1 m (JŠ), Zlatnica, 28.v.2009, 1 m (OK).

***Mycetophila sigillata* Dziedzicki, 1884**

A rare, mainly montane Holarctic species. Recorded from Slovakia (Poľana Mts) for the first time by Ševčík (2009b).

**Localities:** NP Muránska planina: Javorníková dolina: entrance, 27.v.2009, 6m (OK); NP Slovenský kras: Drieňovec, 5.ix.2008, 1 m (JŠ).

***Mycetophila signata* Meigen, 1830**

An uncommon Palaearctic species. Recorded recently from Slovakia by Chandler (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Dudlavky, Javorníková dolina, Veľká lúka (OK, JŠ). Sampling dates: v.-ix.

***Mycetophila signatoides* Dziedzicki, 1884**

A rather common Holarctic species. The larvae develop in fungi of the families Boletaceae and Paxillaceae (see Ševčík 2010). Recorded from Slovakia by Laštovka (1984) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, 16.vi.2009, 1 m (JŠ); Javorníková dolina: middle part, 27.v.2009, 2 m (OK); NP Slovenský raj, Hnilecká jelšina, 4.vi.2009, 1 m (OK).

**\**Mycetophila sinuosa* Plassmann & Schacht, 1999**

A recently described species from the *M. pumila* group, hitherto known only from Germany, Czech Republic and Switzerland. This is the first record from Slovakia.

**Locality:** NP Muránska planina: Zlatnica, 28.v.2009, 1 m (OK).

***Mycetophila sordida* van der Wulp, 1874**

A rather rare Holarctic species. Recorded from Slovakia by Laštovka (1984) and Ševčík (2009b).

**Localities:** NP Muránska planina: road to Kl'ak, Ladová jama na Muráni, Hrdzavá, Havrania dolina, NPR Zlatnica, Trsteník; NP Slovenský raj: Mt. Javorina, Hnilecká jelšina (OK, JŠ). Sampling dates: v.-xi.

***Mycetophila spectabilis* Winnertz, 1863**

An uncommon European species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: road to Kl'ak, NPR Šarkanica (E part of Martinova dolina), Hrdzavá, Javorníková dolina, Maretkiná, Veľká lúka, Havrania dolina, Zlatnica, around NPP Bobačka; NP Slovenský kras: Silická Ladnica (OK, JŠ). Sampling dates: iv.-vi.

***Mycetophila stolidia* Walker, 1856**

A locally common Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, Zlatnica (OK, JŠ); NP Slovenský kras: Silická Ladnica, Drieňovec (OK, JŠ). Sampling dates: v.-xi.

**\**Mycetophila stricklandi* (Laffoon, 1957)**

A rare Holarctic species, hitherto not recorded from central Europe. This is the first record from Slovakia.

**Locality:** NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 1 m (OK).

***Mycetophila stylata* (Dziedzicki, 1884)**

A common Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Dudlavky, Dolina Hronca, Hrdzavá, Javorníková, Maretkiná, Poludnica (valley), Veľká lúka, Murán, Zlatnica (OK, JŠ); NP Slovenský raj: Kopanec (OK), Stratená (JŠ). Sampling dates: v.-x.

***Mycetophila stylatiformis* Landrock, 1925**

A very rare European species. Recorded from Slovakia (NP Poloniny) by Ševčík (2004a).

**Localities:** NP Muránska planina: Javorníková dolina: middle part, 27.v.2009, 7 m, (OK); NP Slovenský kras: Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).

***Mycetophila subsigillata* Zaitzev, 1999**

A rather rare Palaearctic species. Recorded for the first time from Slovakia by Ševčík (2004a).

**Localities:** NP Muránska planina: road to Kl'ak, Javorníková dolina (OK); NP Slovenský kras: Silická Ladnica, Drieňovec (OK, JŠ). Sampling dates: v.-ix.

***Mycetophila trinotata* Staeger, 1840**

A rather common Holarctic species. Larvae in *Bjerkandera adusta* (cf. Ševčík 2010). Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).



- Localities:** NP Muránska planina: Dolina Hronca, 6.ix.2008, 1 m, Hrdzavá, 3.ix.2008, 1 m, Poludnica, 4.ix.2008, 1 m (all JŠ).
- \**Mycetophila triseriata* (Bukowski, 1949)**  
A rare Palaearctic species, hitherto reliably known only from Russia and the Ukraine. This is the first record from Slovakia.  
**Locality:** NP Muránska planina: Javorníková dolina: middle part, 27.v.2009, 1 m (OK).
- Mycetophila tuberosa* Lundström, 1911**  
A very rare European species. Recorded for the first time from Slovakia (NP Poloniny) by Ševčík (2004a).  
**Locality:** NP Muránska planina: Javorníková dolina: middle part, 27.v.2009, 1 m (OK).
- Mycetophila unguiculata* Lundström, 1913**  
A rare Palaearctic species. Recorded for the first time from Slovakia (Poľana Mts) by Ševčík (2009b).  
**Locality:** NP Muránska planina: road to Kl'ak, 26.v.2009, 1 m (OK).
- Mycetophila unipunctata* Meigen, 1818**  
A rather common Holarctic species. Recorded from Slovakia by Chandler (1995) and Ševčík (2009b).  
**Locality:** NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 2 m (OK).
- Mycetophila v-nigrum* Lundström, 1913**  
A rather rare Palaearctic species. Recorded from Slovakia by Ševčík (2009b).  
**Locality:** NP Muránska planina: Hrdzavá, 1.v.2010, 1 m (JŠ).
- Mycetophila xanthopyga* Winnertz, 1863**  
A rare European species. There is only one old record from Slovakia (Trenčín env.) by Brancsik (1910, in Laštovka 1984). This is a confirmation of the recent occurrence in Slovakia.  
**Locality:** NP Muránska planina: Fabova hoľa, 16.vi.-25.vii.2009, 1 m, MT (JŠ).
- Mycetophila zetterstedtii* Lundström, 1906**  
A rare Palaearctic species. Recorded for the first time from Slovakia by Martinovský (1995).  
**Locality:** NP Muránska planina: road to Kl'ak, 26.v.2009, 2 m (OK).
- Phronia biarcuata* (Becker, 1908)**  
A common Holarctic species. Recently recorded from Slovakia by Chandler (1995) and Ševčík (2009b). The biology of most species of *Phronia* Winnertz and *Trichonta* Winnertz is unknown but the known larvae are usually surface feeders on encrusting fungi while *Mycetophila* species develop internally (Chandler 2010).  
**Localities:** NP Muránska planina: Dolina Dudlavky, Šarkanica (E part of Martinova dolina), Ladová jama na Muráni, Javorníková, Hrdzavá, Maretkiná, Poludnica, Cigánka, Zlatnica, Trsteník (OK, JŠ); NP Slovenský kras: Krásnohorská j., Zádielská tiesňava (OK, JŠ); NP Slovenský raj: Mt. Javorina, Hnilecká jelšina, Hranovnické pleso (OK). Sampling dates: iv.-ix
- Phronia braueri* Dziedzicki, 1889**  
A rather common Holarctic species. Recorded from Slovakia by Ševčík (2009b).  
**Locality:** NP Muránska planina: Javorníková dolina: entrance, 27.v.2009, 1 m (OK).
- Phronia cinerascens* Winnertz, 1863**  
A rare Holarctic species. Recorded from Slovakia by Ševčík (2009b).  
**Localities:** NP Muránska planina: road to Kl'ak, Ladová jama na Muráni, Hrdzavá, Maretkiná, Vel'ká lúka, Zlatnica (OK); NP Slovenský raj: Hnilecká jelšina, Hranovnické pleso (OK). Sampling dates: v.-vi.
- Phronia conformis* (Walker, 1865)**  
A common Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: Hrdzavá, 28.vi.-26.vii.2010, 1 m, MT (JŠ), Poludnica, 4.ix.2008, 1 m (JŠ).
- Phronia disgrega* Dziedzicki, 1889**  
A rare Holarctic species. Recorded from Slovakia by Ševčík (2004a, 2009b).  
**Locality:** NP Muránska planina: Dolina Dudlavky, 6.ix.2008, 1 m (JŠ).
- Phronia egregia* Dziedzicki, 1889**  
A rare Palaearctic species. Recorded from Slovakia by Ševčík (2004a, 2009b).  
**Localities:** NP Muránska planina: Havrania dolina, Zlatnica, Trsteník (OK); NP Slovenský raj, Hnilecká jelšina (OK). Sampling dates: v.-vi.
- Phronia exigua* (Zetterstedt, 1852)**  
A rather common Holarctic species. Recorded from Slovakia by Ševčík (2004a, 2009b).  
**Localities:** NP Muránska planina: road to Kl'ak, NPR Cigánka, Zlatnica (OK, JŠ); NP Slovenský raj: Mt. Javorina, Hnilecká jelšina (OK). Sampling dates: v.-ix.
- Phronia flavipes* Winnertz, 1863**  
A locally common Palaearctic species. Recorded from Slovakia by Laštovka (1984) and Ševčík (2009b).  
**Localities:** NP Muránska planina: road to Kl'ak, Hrdzavá, Ladová jama na Muráni, Javorníková dolina, Maretkiná, Vel'ká lúka, Havrania dolina, Lopušná, Zlatnica, Trsteník (OK); NP Slovenský raj: Mt. Javorina, Hnilecká jelšina (OK). Sampling dates: v.-vi.

***Phronia forcipata* Winnertz, 1863**

A common Palaearctic species. Recorded from Slovakia by Ševčík (1999, 2009b).

**Localities:** NP Muránska planina: Dolina Hronca, Hrdzavá, Javorníková dolina, Poludnica (OK, JŠ).  
Sampling dates: v.-ix.

***Phronia forcipula* Winnertz, 1863**

An uncommon Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Ladová jama na Muráni, Javorníková dolina, Murán (OK); NP Slovenský kras: Zádielská tiesňava (JŠ). Sampling dates: v.-ix.

***Phronia humeralis* Winnertz, 1863**

A rather common Palaearctic species. Recently recorded from Slovakia by Chandler (1995).

**Localities:** NP Muránska planina: Ladová jama na Muráni, Maretkiná, Veľká lúka, Zlatnica (OK); NP Slovenský raj: Hnilecká jelšina (OK). Sampling dates: v.-vi.

***Phronia longelamellata* Strobl, 1898**

A rare European species. Recorded from Slovakia by Ševčík (2002, 2009b).

**Localities:** NP Muránska planina: Dolina Hronca, 6.ix.2008, 1 m (JŠ), Hrdzavá, 3.ix.2008, 1 m (JŠ).

***Phronia maculata* Dziedzicki, 1889**

A rare Palaearctic species. The male terminalia were recently figured by Zatzew (2003) and his interpretation is followed here. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Javorníková dolina, Murán, Zlatnica (OK). Sampling dates: v.

***Phronia nigricornis* (Zetterstedt, 1852)**

A rather common Palaearctic species. Recorded from Slovakia by Chandler (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Hronca, Hrdzavá, Maretkiná (OK, JŠ). Sampling dates: v.-ix.

***Phronia nitidiventris* (van der Wulp, 1858)**

A rather common Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Locality:** NP Muránska planina: Hrdzavá, 26.vii.-7.x.2010, 1 m (MT) and 3.ix.2008, 1 m (both JŠ).

***Phronia notata* Dziedzicki, 1889**

A rather common Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Hronca, 6.ix.2008, 1 m, Hrdzavá, 3.ix.2008, 1 m (both JŠ); NP Slovenský kras: Drieňovec, 5.ix.2008, 1 m (JŠ).

**\**Phronia obtusa* Winnertz, 1863**

A rather rare Holarctic species. This is the first record from Slovakia.

**Locality:** NP Muránska planina: Šiance, 30.v.2009, 1 m (OK).

***Phronia peculiaris* Dziedzicki, 1889**

A rare species described from the Czech Republic (Karlova Studánka) and recorded from several other European countries, including Slovakia (Papp & Ševčík 2007, Ševčík 2009b).

**Locality:** NP Muránska planina: Zlatnica, 28.v.2009, 1 m (OK).

**\**Phronia persimilis* Hackman, 1970**

A rare Holarctic species (Fig. 8b). This is the first record from Slovakia.

**Localities:** NP Muránska planina: Maretkiná, 26.v.2009, 2 m (OK), Trsteník, 28.v.2009, 1 m (OK).

***Phronia siebeckii* Dziedzicki, 1889**

A rather rare Palaearctic species. Larvae develop in *Calocera viscosa* (cf. Ševčík 2010). Recorded from Slovakia by Ševčík (2002, 2009b).

**Localities:** NP Muránska planina: Javorníková, 14.v.2009, 2 m (JŠ); NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 1 m (OK).

**\**Phronia signata* Winnertz, 1863**

An uncommon Palaearctic species (Fig. 8f). This is the first record from Slovakia.

**Localities:** NP Muránska planina: Hrdzavá, Javorníková dolina, Maretkiná, Muráň, Trsteník, Zlatnica (OK); NP Slovenský kras: Silická Ladnica (OK); NP Slovenský raj: Hnilecká jelšina (OK). Sampling dates: v.-vi.

**\**Phronia spinigera* Hackman, 1970**

A rare boreomontane Holarctic species. Recorded from the Czech Republic (Krkonoše Mts) by Papp & Ševčík (2007). This is the first record from Slovakia.

**Localities:** NP Muránska planina: Šarkanica, 30.iv.2010, 3 m (OK), Hrdzavá, 29.v.2009, 1 m, Ladová jama na Muráni, 26.v.2009, 1 m (OK); NP Slovenský raj: Mt. Javorina, 4.vi.2009, 2 m (OK).

***Phronia strenua* Winnertz, 1863**

A widely distributed Holarctic species. Recorded from Slovakia by Laštovka (1984) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, Poludnica, Šiance (OK, JŠ); NP Slovenský kras: Drieňovec, Zádielská tiesňava (JŠ). Sampling dates: v.-ix.

***Phronia sudetica* Dziedzicki, 1889**

A rare Holarctic species described from the Czech Republic (Jeseník). Recorded from Slovakia by Ševčík (2004a, 2009b).

- Localities:** NP Muránska planina: Ladová jama na Muráni, 26.v.2009, 1 m (OK), Javorníková, 14.v.2009, 1 m (JŠ).
- Phronia tenuis* Winnertz, 1863**  
A widely distributed Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: road to Kl'ak, Ladová jama na Muráni, Javorníková dolina, Hrdzavá, Maretkiná, Veľká lúka, Murán, Zlatnica, Trsteník (OK, JŠ); NP Slovenský raj: Hnilecká jelšina, Stratenský kaňon (OK). Sampling dates: v.-vi.
- Phronia tiefii* Dziedzicki, 1889**  
A rare Holarctic species. Recorded from Slovakia (Poľana Mts) by Ševčík (2005b, 2009b).  
**Locality:** NP Muránska planina: around NPP Bobačka, 1.v.2010, 3 m (JŠ).
- Phronia triangularis* Winnertz, 1863**  
A rare European species. Recorded from Slovakia (NP Poloniny) by Martinovský (1995).  
**Locality:** NP Muránska planina: Javorníková, Hrdzavá, Maretkiná, Murán (OK, JŠ). Sampling dates: v.
- Platurocypta punctum* (Stannius, 1831)**  
A widely distributed Holarctic species. Larvae in myxomycetes. Recorded from Slovakia by Ševčík (1999, 2003, 2009b).  
**Locality:** NP Muránska planina: Fabova hoľa, 16.vi.2009-25.viii.2009, 1 m, MT (JŠ).
- Platurocypta testata* (Edwards, 1925)**  
A widely distributed Holarctic species. Larvae in myxomycetes. Recorded from Slovakia by Chandler (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: road to Kl'ak, Ladová jama na Muráni, Javorníková dolina, Zlatnica (OK); NP Slovenský kras: Zádielská tiesňava (JŠ). Sampling dates: v.-ix.
- \**Sceptonia cryptocauda* Chandler, 1991**  
A mainly Mediterranean species but described from British Isles and Ireland. This is the first record from Slovakia.  
**Locality:** NP Muránska planina: Javorníková dolina: entrance, 27.v.-5.vi.2009, 1 m, MT (OK).
- Sceptonia membranacea* Edwards, 1925**  
A rather common Palaearctic species. Recorded from Slovakia by Chandler (1995).  
**Locality:** NP Muránska planina: Hrdzavá, 28.vi.-26.vii.2010, 1 m, MT (JŠ).
- Sceptonia nigra* (Meigen, 1804)**  
A rather common Palaearctic species. Recorded from Slovakia by Ševčík (2000, 2009b).  
**Localities:** NP Muránska planina: Poludnica, 4.ix.2008, 1 m (JŠ); NP Slovenský kras: Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).
- Sceptonia pilosa* Bukowski, 1934**  
A rather rare European species. Recorded from Slovakia by Ševčík (2002, 2009b).  
**Localities:** NP Muránska planina: Hrdzavá, Poludnica, Poludnica (top plateau), Veľká lúka (OK, JŠ); NP Slovenský kras: Zádielská tiesňava (JŠ). Sampling dates: v.-ix.
- Sceptonia pughii* Chandler, 1991**  
A rare European species. Recorded from Slovakia (NP Poloniny) only by Ševčík (2004a).  
**Localities:** NP Muránska planina: Hrdzavá, 3.ix.2008, 1 m (JŠ); NP Slovenský kras: Drieňovec, 5.ix.2008, 1 m (JŠ).
- Trichonta bicolor* Landrock, 1912**  
A rare Holarctic species described from the Czech Republic (Adamov near Brno). Recorded from Slovakia by Ševčík (2004a, 2009b).  
**Localities:** NP Muránska planina: Dolina Dudlavky, 6.ix.2008, 1 m, around NPP Bobačka, 1.v.2010, 1 m (both JŠ).
- Trichonta brevicauda* Lundström, 1906**  
A rare Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: Maretkiná, 26.v.2009, 1 m (OK), Zlatnica, 28.v.2009, 3 m (OK).
- Trichonta clavigera* Lundström, 1913**  
A rare Palaearctic species described from the Kováčovské kopce Hills in southern Slovakia. Recorded from Slovakia also by Ševčík (2009b).  
**Localities:** NP Muránska planina: Hrdzavá, 16.vi.2009, 3 m (JŠ); Javorníková dolina: entrance, 27.v.2009, 4 m (OK).
- Trichonta conjungens* Lundström, 1909**  
A rather rare Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: Dolina Hronca, 6.ix.2008, 1 m (JŠ), Maretkiná, 26.v.2009, 1 m (OK).
- Trichonta falcata* Lundström, 1911**  
An uncommon Holarctic species. Recorded from Slovakia by Laštovka (1984), Martinovský (1995) and Ševčík (2009b).

- Localities:** NP Muránska planina: Hrdzavá, 16.vi.2009, 1 m (JŠ); Javorníková, 14.v.2009, 1 m (JŠ), Maretkiná, 26.v.2009, 1 m (OK); NP Slovenský kras: Drieňovec, 5.ix.2008, 1 m (JŠ).
- Trichonta fissicauda* (Zetterstedt, 1852)**  
A rare montane Holarctic species. Recorded from Slovakia (Poľana Mts) by Ševčík (2005b, 2009b).  
**Localities:** NP Muránska planina: Fabova hoľa, 15.v.-16.vi.2009, 2 m, MT (JŠ), road to Kl'ak, 26.v.2009, 1 m (OK), Zlatnica, 28.v.2009, 1 m (OK).
- Trichonta flavicauda* Lundström, 1914**  
A rare Palaearctic species. Recorded from Slovakia (NP Poloniny) by Martinovský (1995).  
**Localities:** NP Muránska planina: Fabova hoľa, Dolina Dudlavky, road to Kl'ak, Ladová jama na Muráni (OK, JŠ). Sampling dates: v.-ix.
- Trichonta fusca* Landrock, 1918**  
A rare European species. This is the only known locality in Slovakia (Ševčík 2009a).  
**Locality:** NP Muránska planina: Poludnica, 4.ix.2008, 1 m (JŠ).
- Trichonta girschneri* Landrock, 1912**  
A rare Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).  
**Locality:** NP Muránska planina: around NPP Bobačka, 1.v.2010, 1 m (JŠ).
- Trichonta hamata* Mik, 1880**  
A rather common Holarctic species. Recorded from Slovakia by Laštovka (1984), Martinovský (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: road to Kl'ak, 26.v.2009, 2 m, Zlatnica, 28.v.2009, 1 m (both OK); NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 1 m (OK).
- \**Trichonta melanura* (Staeger, 1840)**  
A rather common Holarctic species but not hitherto recorded from Slovakia.  
**Localities:** NP Muránska planina: Dolina Hronca, 6.ix.2008, 1 m, Javorníková, 14.v.2009, 1 m (both JŠ); NP Slovenský kras: Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).
- \**Trichonta subterminalis* Zaitzev & Menzel, 1996**  
A recently described Palaearctic species (Fig. 8g), very similar to the next species, so most probably overlooked in collections. This is the first record from Slovakia.  
**Localities:** NP Muránska planina: Ladová jama na Muráni, Javorníková dolina, Šiance (OK); NP Slovenský raj: Hnilecká jelšina (OK). Sampling dates: v.-vi.
- Trichonta terminalis* (Walker, 1856)**  
A common Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: Dolina Dudlavky, road to Kl'ak, NPR Šarkanica (E part of Martinova dolina), Ladová jama na Muráni, Javorníková, Poludnica (OK, JŠ). Sampling dates: iv.-ix.
- Trichonta venosa* (Staeger, 1840)**  
An uncommon Holarctic species. Recorded from Slovakia by Laštovka (1984), Martinovský (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: Dolina Dudlavky, road to Kl'ak, Ladová jama na Muráni, Maretkiná, Zlatnica (OK, JŠ). Sampling dates: v.-ix.
- Trichonta vitta* (Meigen, 1830)**  
A common Holarctic species. Recorded from Slovakia by Ševčík (2004a, 2009b).  
**Localities:** NP Muránska planina: Fabova hoľa, Dolina Dudlavky, Hrdzavá, Javorníková, Maretkiná, Poludnica (OK, JŠ); NP Slovenský kras: Zádielská tiesňava (JŠ). Sampling dates: v.-ix.
- Trichonta vulcani* (Dziedzicki, 1889)**  
A rather rare Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: Dolina Dudlavky, Hrdzavá, Javorníková, Zlatnica (OK, JŠ); NP Slovenský raj: Hnilecká jelšina (OK). Sampling dates: v.-ix.
- Trichonta vulgaris* Loew, 1869**  
A rare Holarctic species. Recorded from Slovakia by Ševčík (2009a,b).  
**Localities:** NP Slovenský kras: Drieňovec, 5.ix.2008, 1 m, Zádielská tiesňava, 5.ix.2008, 1 m (both JŠ).
- Zygomyia humeralis* (Wiedemann, 1817)**  
A rather common European species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).  
**Locality:** NP Muránska planina: Javorníková dolina: entrance, 27.v.2009, 1 m (OK).
- Zygomyia pictipennis* (Staeger, 1840)**  
An uncommon European species. Recorded from Slovakia by Ševčík (2002, 2009b).  
**Locality:** NP Slovenský kras: Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).
- \**Zygomyia pseudohumeralis* Caspers, 1980**  
A rare European species. Recently recorded from the Czech Republic by Ševčík (2004a). This is the first record from Slovakia.  
**Locality:** NP Muránska planina: Maretkiná, 26.v.2009, 1 m (OK).

***Zygomya semifusca* (Meigen, 1818)**

A rather rare Holarctic species. Recorded from Slovakia by Martinovský (1995, as *Mycetophila*).

**Localities:** NP Muránska planina: road to Kľak, Poludnica (top plateau), Šiance (OK, JŠ); NP Slovenský raj: Mt. Javorina, Hnilecká jelšina (OK). Sampling dates: v.-x.

***Zygomya valida* Winnertz, 1863**

A rather rare Palaearctic species. Recorded from Slovakia by Ševčík (2000, 2009b).

**Locality:** NP Muránska planina: Zlatnica, 28.v.2009, 1 m (OK).

Exechiini

***Allodia (Allodia) anglofennica* Edwards, 1921**

An uncommon Palaearctic species. From Slovakia recorded by Martinovský (1995) and Ševčík (2009b). All known larvae of Exechiini develop internally in various soft fungi, mainly agarics (Chandler 2010, Ševčík 2010).

**Localities:** NP Muránska planina: Hrdzavá (OK), Javorníková (JŠ), road to Kľak, Ladová jama na Muráni, Lopusná, Maretkiná, Veľká lúka (OK); NP Slovenský raj: Hnilecká jelšina, Hranovnické pleso, Kopanec (OK); NP Slovenský kras: Drieňovec (JŠ). Sampling dates: v-ix.

***Allodia (A.) lugens* (Wiedemann, 1817)**

A very common Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Javorníková, Mokrú Poľana, Šiance (JŠ), Cigánka, Havrania dolina, Hrdzavá, Ladová jama na Muráni, Lopusná, Trsteník, Zlatnica (OK); NP Slovenský raj: Hnilecká jelšina, Hranovnické pleso, Mt. Javorina (OK), Piecky, Stratená (JŠ). Sampling dates: v-x.

***Allodia (A.) lundstroemi* Edwards, 1921**

A rather common Palaearctic species. Recorded from Slovakia by Ševčík (2002, 2009b).

**Localities:** NP Muránska planina: Javorníková (JŠ), Ladová jama na Muráni (OK); NP Slovenský raj: Hnilecká jelšina (OK). Sampling dates: v-vi.

***Allodia (A.) ornaticollis* (Meigen, 1818)**

A very common Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, Javorníková, Poludnica (JŠ), Šiance (OK); NP Slovenský kras: Drieňovec, Silická Jablonica, Zádielská tiesňava (JŠ). Sampling dates: v., ix-xi.

***Allodia (A.) septentrionalis* Hackman, 1971**

A rare Palaearctic species. Recorded from Slovakia by Ševčík (2004a, 2009b).

**Locality:** NP Slovenský raj: Hnilecká jelšina, along a stream, 4.vi.2009, 1 m (OK).

***Allodia (A.) truncata* Edwards, 1921**

A rather common Holarctic species. Recorded from Slovakia by Ševčík (1999, 2009b).

**Localities:** NP Muránska planina: Dolina Dudlavky, Fabova hoľa, Hrdzavá (JŠ), road to Kľak, Javorníková, Zlatnica (OK); NP Slovenský raj: Hnilecká jelšina, Hranovnické pleso (OK). Sampling dates: v-ix.

***Allodia (A.) zaitzevi* Kurina, 1998**

A common Palaearctic species. Recorded from Slovakia by Ševčík (1999, 2009b).

**Localities:** NP Muránska planina: Bobačka, Fabova hoľa, Hrdzavá, Mokrú Poľana (JŠ), Javorníková, Ladová jama na Muráni, Lopusná, road to Kľak, Maretkiná, Zlatnica (OK); NP Slovenský raj: Hnilecká jelšina, Mt. Javorina (OK). Sampling dates: v-vii.

***Allodia (Brachycampta) alternans* (Zetterstedt, 1838)**

A rather common Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá (OK, JŠ), Javorníková, Šiance (OK); NP Slovenský kras: Krásnohorská Cave, Silická Ladnica (OK), Zádielská tiesňava (JŠ). Sampling dates: v-vi., x.

***Allodia (B.) barbata* (Lundström, 1909)**

A rather rare Palaearctic species. Larvae develop in Ascomycetes. Recorded from Slovakia by Ševčík (2002, 2009b, 2010).

**Localities:** NP Muránska planina: Hrdzavá, 14.v.2009, 1 m, Poludnica, 4.ix.2008, 1 m (JŠ), Nad Mišákovou, 6.ix.2008, 3 m 4 f, ex fungus *Peziza badia* (see Ševčík 2010); NP Slovenský raj, Hranovnické pleso, 2.vi.2009, 1 m (OK).

***Allodia (B.) czernyi* (Landrock, 1912)**

A rare Palaearctic species. Larvae develop in soft agarics. Recorded from Slovakia by Ševčík (2009b, 2010).

**Locality:** NP Muránska planina: Maretkiná, 26.v.2009, 1 m (OK).

***Allodia (B.) foliifera* (Strobl, 1910)**

A rather rare Palaearctic species. Larvae develop in *Peziza* spp. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Dudlavky, Hrdzavá, Javorníková (JŠ), Havrania dolina, road to Kľak, Maretkiná, Veľká lúka (OK); NP Slovenský raj: Hnilecká jelšina, Kopanec (OK); NP Slovenský kras: Zádielská tiesňava (JŠ). Sampling dates: v-ix.

***Allodia (B.) grata* (Meigen, 1830)**

A common Palaearctic species. Recorded from Slovakia by Ševčík (2000, 2009b).

**Locality:** NP Muránska planina: Javorníková dolina, 27.v.2009, 1 m (OK).

***Allodia (B.) pistillata* (Lundström, 1911)**

A rather rare Holarctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, 16.vi.2009, 1 m (JŠ); Maretkiná, 26.v.2009, 1 m (OK); NP Slovenský kras: Silická ladnica, 3.vi.2009, 1 m (OK).

***Allodia (B.) westerholti* Caspers, 1980**

A rare Palaearctic species (Fig. 2). Recorded from Slovakia by Ševčík (2006b, 2009b).

**Localities:** NP Muránska planina: Hrdzavá, 29.v.2009, 1 m, Javorníková dolina, 27.v.2009, 1 m, Zlatnica, 28.v.2009, 1 m (all OK); NP Slovenský kras: Krásnohorská jaskyňa, 3.vi.2009, 1 m (OK), Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).

***Allodiopsis domestica* (Meigen, 1830)**

A widely distributed Palaearctic species, less frequent than the very similar *A. rustica*.

**Localities:** NP Muránska planina: Hrdzavá, Javorníková, Tisovec (JŠ, OK); NP Slovenský kras: Silická ladnica (OK). Sampling dates: v-vii.

***Allodiopsis gracai* Ševčík & Papp, 2003**

This species was described from the Czech Republic and Hungary (Ševčík & Papp 2003) and subsequently recorded from Slovakia (Ševčík 2004, 2009b) and northern Europe. The larvae develop in puffballs (Lycoperdaceae).

**Locality:** NP Muránska planina: Poludnica, 31.v.2011, 1 m (JŠ).

**\**Allodiopsis moravica* Ševčík, 2004**

This species was described from the Czech Republic (Podyjí NP in southern Moravia, see Ševčík 2004a) and this is its first record after the description. New to Slovakia.

**Locality:** NP Muránska planina: Hrdzavá, 1.v.2010-28.vi.2010, 1 m, MT (JŠ).

***Allodiopsis rustica* Edwards, 1941**

A very common Palaearctic species, one of the commonest species of the family. Larvae develop in various agarics. The adults usually aggregate in cavities under tree roots or overhanging stream banks.

**Localities:** NP Muránska planina: Dolina Hronca, Hrdzavá, Poludnica, Šiance (JŠ), Havrania dolina, Javorníková, road to Kľak, Maretkiná, Trsteník, Veľká lúka, Zlatnica (OK); NP Slovenský raj: Hnilecká jelšina, Hranovnické pleso, Mt. Javorina (OK); NP Slovenský kras: Drieňovec, Zádielská tiesňava (JŠ), Krásnohorská Cave, Silická ladnica (OK). Sampling dates: v-x.

**\**Anatella ankei* Plassmann, 1977**

A rare European species. This is the first record from Slovakia.

**Locality:** NP Muránska planina: Javorníková, middle part, moist canyon with logs and trunks, 27.v.2009, 1 m (OK).

**\**Anatella brexia* Chandler, 1994**

A very rare European species. This is the first record from Slovakia.

**Localities:** NP Muránska planina: Ladová jama na Muráni, vegetation at cave entrance, 26.v.2009, 14 m f (OK); NP Slovenský raj: Hnilecká jelšina, along a stream, 4.vi.2009, 1 m (OK).

***Anatella ciliata* Winnertz, 1863**

An uncommon European species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá (JŠ, OK); NP Slovenský raj: Stratená (JŠ). Sampling dates: v-ix.

***Anatella lenis* Dziedzicki, 1923**

A rather rare European species described from the Czech Republic (Hrubý Jeseník Mts). Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Javorníková, 14.v.2009, 1 m (JŠ), Poludnica, Suchý dol, 8.ix.2011, 1 m (JŠ).

***Anatella novata* Dziedzicki, 1923**

A rather rare European species. Recorded as new to Slovakia by Ševčík (2009a).

**Localities:** NP Muránska planina: Javorníková, 14.v.2009, 1 m (JŠ, Ševčík 2009a), Zlatnica, 28.v.2009, 2 m (OK); NP Slovenský kras: Zádielská tiesňava, 5.ix.2008, 1 m (JŠ, Ševčík 2009a).

***Anatella simpatica* Dziedzicki, 1923**

An uncommon Holarctic species. Recorded for the first time from Slovakia by Ševčík (2004a).

**Localities:** NP Muránska planina: Hrdzavá, Veľká lúka (JŠ, OK); NP Slovenský raj: Hnilecká jelšina (OK). Sampling dates: v-ix.

**Anatella turi Dziedzicki, 1923**

A rare Palaearctic species. Recorded from Slovakia by Ševčík (2002, 2009a).

**Localities:** NP Muránska planina: Hrdzavá, 3.ix.2008, 1 m (JŠ), Poludnica, Suchý dol, 8.ix.2011, 1 m (JŠ).

**Brachypeza bisignata Winnertz, 1863**

A rather rare Palaearctic species. Larvae develop in *Pleurotus* spp. Recorded from Slovakia by Ševčík (2000, 2009a).

**Locality:** NP Muránska planina: Fabova hoľa, 15.v.2009-16.vi.2009, 1 m, MT (JŠ).

**\*Brevicornu auriculatum (Edwards, 1925)**

A rare European species. Recorded as new for the Czech Republic by Ševčík (2001). This is the first record from Slovakia.

**Locality:** NP Muránska planina: Zlatnica, deciduous forest along a stream, 28.v.2009, 1 m (OK).

**\*Brevicornu bellum (Johannsen, 1912)**

A rare Holarctic species. This is the first record from Slovakia.

**Locality:** NP Muránska planina: Hrdzavá, 28.vi.-26.vii.2010, 1 m, MT (JŠ).

**Brevicornu canescens (Zetterstedt, 1852) /= B. griseolum (Zett., 1852) sensu auctt./**

This species had been misidentified as *B. griseolum* until Kjaerandsen (2005) revised the collection of Exechiini of J. W. Zetterstedt. The record from Slovakia (Ševčík & Košel 2009) is based only on the record of its junior synonym *Allodia karpathica* Landrock, 1928 (its holotype comes from the Carpathians, “aus Karpathen”). As no Slovak material of true *B. griseolum* is known at present, we do not consider *griseolum* as a member of the Slovakian fauna.

**Locality:** NP Muránska planina: Hrdzavá, 28.vi.-26.vii.2010, 1 m, MT (JŠ).

**Brevicornu fuscipenne (Staeger, 1840)**

A rather rare Holarctic species. Recorded for the first time from Slovakia by Chandler (1995).

**Locality:** NP Muránska planina: Javorníková, middle part, 27.v.2009, 1 m (OK).

**Brevicornu griseicolle (Staeger, 1840)**

A rather common Holarctic species. Recorded for the first time from Slovakia by Ševčík (2000).

**Localities:** NP Muránska planina: road to Kľak, Maretkiná, Veľká lúka, Zlatnica (all OK); NP Slovenský raj: Hnilecká jelšina, Mt. Javorina (OK). Sampling dates: v-vi.

**\*Brevicornu nigrofuscum (Lundström, 1909)**

A rare European species from the *B. griseicolle* group. This is the first record from Slovakia.

**Locality:** NP Slovenský raj: Hnilecká jelšina, along a stream, 4.vi.2009, 1 m (OK).

**Brevicornu proximum (Staeger, 1840)**

A widely distributed Palaearctic species. Recorded for the first time from Slovakia by Ševčík (2000).

**Localities:** NP Muránska planina: Javorníková, Maretkiná, Muráň, Veľká lúka; NP Slovenský raj: Kopanec (all OK). Sampling dates: v-vi.

**Brevicornu serenum (Winnertz, 1863)**

A rather rare Palaearctic species. Recorded from Slovakia by Ševčík (2004a, 2009a).

**Localities:** NP Muránska planina: Dolina Hronca, Hrdzavá, Mokrú Poľanu, Poludnica, Šarkanica (JŠ), Veľká lúka (OK); NP Slovenský kras: Drieňovec (JŠ). Sampling dates: iv-ix.

**Brevicornu sericoma (Meigen, 1830)**

A rather common Palaearctic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009a).

**Localities:** NP Muránska planina: Hrdzavá, Ladová jama na Muráni, Maretkiná, road to Kľak, Zlatnica (all OK). Sampling date: v.

**\*Brevicornu spathulatum (Lundström, 1911)**

A very rare Palaearctic species, in Europe hitherto known only from the Czech Republic, Romania and Bulgaria (Chandler 2011). This is the first record from Slovakia.

**Locality:** NP Muránska planina: Zlatnica, deciduous forest along a stream, 28.v.2009, 1 m (OK).

**\*Brevicornu subfissicauda Zaitzev, 1985**

A recently described species from the *B. fissicauda* group. This is the first record from Slovakia.

**Locality:** NP Muránska planina: Javorníková dolina, entrance, 27.v.2009, 1 m (OK); Zlatnica, deciduous forest along a stream, 28.v.2009, 1 m (OK); NP Slovenský raj: Hnilecká jelšina, along a stream, 4.vi.2009, 1 m (OK).

**\*Brevicornu verralli (Edwards, 1925)**

A West Palaearctic (mainly Mediterranean) species (Fig. 8d). This is the first record from Slovakia.

**Locality:** NP Muránska planina: Muráň, along banks of Muráň stream, 30.v.2009, 1 m (OK).

**Cordyla fasciata Meigen, 1830**

A rare Palaearctic species. Recorded from Slovakia (NP Poloniny) by Ševčík (2002).

**Locality:** NP Slovenský kras, Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).

**Cordyla fissa Edwards, 1925**

A rather common Palaearctic species. Recorded from Slovakia by Rulík & Heller (2007) and Ševčík (2009b).

- Localities:** NP Muránska planina: Hrdzavá, Javorníková dolina, Poludnica (OK, JŠ); NP Slovenský kras: Drieňovec (JŠ); NP Slovenský raj: Mt. Javorina (OK). Sampling dates: v.-ix.
- Cordyla murina* Winnertz, 1863**  
A rather rare Palaearctic species. Recorded from Slovakia by Ševčík (2004a, 2009b).  
**Localities:** NP Slovenský kras, Drieňovec, 5.ix.2008, 1 m (JŠ); NP Slovenský raj, Hnilecká jelšina, 4.vi.2009, 1 m (OK).
- Exechia bicincta* (Staeger, 1840)**  
A rather common Palaearctic species. Recorded for the first time from Slovakia by Ševčík (2009b).  
**Locality:** NP Slovenský kras, Zádielská tiesňava, 5.ix.2008, 1 m (JŠ).
- Exechia cincta* Winnertz, 1863**  
A rather rare Palaearctic species. Recorded from Slovakia by Ševčík (2004a, 2009b).  
**Localities:** NP Muránska planina: Hrdzavá, 28.vi.-26.vii.2010, 1 m, MT (JŠ), Poludnica, Suchý dol, 8.ix.2011, 1 m (JŠ).
- \**Exechia confinis* Winnertz, 1863**  
A rare Palaearctic species. This is the first record from Slovakia.  
**Localities:** NP Muránska planina: Ladová jama na Muráni, 26.v.2009, 2 m (OK), Javorníková dolina: middle part, 27.v.2009, 1 m (OK); NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 1 m (OK).
- Exechia contaminata* Winnertz, 1863**  
A rather common Palaearctic species. Recorded from Slovakia by Ševčík (2009b).  
**Localities:** NP Muránska planina: Hrdzavá, 29.v.2009, 3 m (OK); NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 1 m (OK).
- Exechia dizona* Edwards, 1924**  
An uncommon Palaearctic species. Recorded from Slovakia by Košel & Laštovka (1997) and Ševčík (2009b).  
**Localities:** NP Muránska planina: Fabova hoľa, 15.V.2009, 1 m (JŠ); Hrdzavá, 1.xi.2008, 1 m (JŠ).
- Exechia dorsalis* (Staeger, 1840)**  
A rather common Palaearctic species. Recorded from Slovakia by Chandler (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: Hrdzavá, Veľká lúka, around NPP Bobačka (OK, JŠ); NP Slovenský kras: Drieňovec, Zádielská tiesňava (JŠ). Sampling dates: v.-ix.
- Exechia exigua* Lundström, 1909**  
A rare Palaearctic species. Recorded from Slovakia by Chandler (1995) and Ševčík (2009b).  
**Locality:** NP Muránska planina: Fabova hoľa, 15.v.2009, 1 m (JŠ), Maretkiná, 26.v.2009, 1 m (OK).
- Exechia fusca* (Meigen, 1804)**  
A very common Palaearctic species. Recorded from Slovakia by Laštovka (1984), Chandler (1995), Martinovský (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: Dolina Hronca, road to Kl'ak, Šarkanica (E part of Martinova dolina), Ladová jama na Muráni, Hrdzavá, Javorníková, Maretkiná, Cigánka, Veľká lúka, Havrania dolina, Zlatnica, around NPP Bobačka (OK, JŠ); NP Slovenský kras: Silická Ladnica, Zádielská tiesňava (OK, JŠ); NP Slovenský raj: Mt. Javorina, Hnilecká jelšina, Hranovnické pleso, Kopanec (OK). Sampling dates: iv.-xi.
- Exechia nigroscutellata* Landrock, 1912**  
A rather rare Palaearctic species. Recorded from Slovakia by Ševčík (2009b).  
**Locality:** NP Slovenský raj: Hnilecká jelšina, 04.vi.2009, 1 m (OK).
- Exechia parvula* (Zetterstedt, 1852)**  
A rare Palaearctic species. Recorded from Slovakia by Ševčík (2002, 2009b).  
**Localities:** NP Muránska planina: Hrdzavá 14.v.2009, 1 m (JŠ); NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 1 m (OK).
- Exechia pseudocincta* Strobl, 1909**  
A rather rare Palaearctic species. From Slovakia recently recorded by Chandler (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: Dolina Dudlavky, Zlatnica, Trsteník (OK, JŠ); NP Slovenský raj: Hnilecká jelšina (OK). Sampling dates: v.-ix.
- Exechia separata* Lundström, 1912**  
A rare Holarctic species. Recorded from Slovakia by Laštovka (1984) and Ševčík (2009b).  
**Locality:** NP Muránska planina: Javorníková dolina: entrance, 27.v.2009, 1 m (OK).
- Exechia seriata* (Meigen, 1830)**  
A widely distributed Palaearctic species. Recorded from Slovakia by Laštovka (1984), Chandler (1995) and Ševčík (2009b).  
**Localities:** NP Muránska planina: Dolina Hronca, Hrdzavá, Zlatnica (JŠ). Sampling dates: v.-xi.





**Fig. 8:** A sample of fungus gnats new to Slovak Republic. a, *Boletina nasuta* (Haliday, 1839); b, *Phronia persimilis* Hackman, 1970; c, *Polylepta zonata* Zetterstedt, 1852; d, *Brevicornu verralli* (Edwards, 1925); e, *Mycomya alpina* Matile, 1972; f, *Phronia signata* Winnertz, 1863; g, *Trichonta subterminalis* Zaitzev & Menzel, 1996. Scale bar = 1 mm. (photos by O. Kurina)

***Exechia styriaca* Strobl, 1898**

A very rare Palaeartic species. Recorded from Slovakia by Ševčík (2004a, 2009b).

**Locality:** NP Slovenský raj: Hnilecká jelšina, 4.vi.2009, 3 m (OK).

***Exechiopsis (Exechiopsis) clypeata* (Lundström, 1911)**

A rare European species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Locality:** NP Slovenský raj: Mt. Javorina, 4.vi.2009, 2 m (OK).

***Exechiopsis (E.) distendens* (Lackschewitz, 1937)**

A very rare Palaeartic species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Locality:** NP Slovenský raj: Stratená, Stratenská Cave (Košel & Laštovka 1997).

***Exechiopsis (E.) dumitrescae* (Burghele-Balacesco, 1972)**

A rather rare Palaeartic species. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Locality:** Poludnica, Suchý dol, 8.ix.2011, 1 m (JŠ).

**\**Exechiopsis (E.) forcipata* (Lackschewitz, 1937)**

A very rare Palaeartic species. This is the first record from Slovakia.

**Locality:** NP Muránska planina: road to Kl'ak, 1211 m, spruce forest with *Vaccinium myrtillus*, 26.v.2009, 1 m (OK).

***Exechiopsis (E.) furcata* (Lundström, 1911)**

A rare European species. This is the only record from Slovakia.

**Locality:** NP Slovenský raj: Stratená, Stratenská Cave (Košel & Laštovka 1997).

***Exechiopsis (E.) intersecta* (Meigen, 1818)**

A rather rare European species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Localities:** NP Muránska planina: Veľká lúka (OK); NP Slovenský raj: Mt. Javorina (OK), Stratená, Stratenská Cave (Košel & Laštovka 1997). Sampling dates: i., v- vi.

***Exechiopsis (E.) januarii* (Lundström, 1913)**

A rare European species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Localities:** NP Muránska planina: Fabova hoľa, 15.v.2009-16.vi.2009, 1 m, MT (JŠ); NP Slovenský raj: Stratená, Stratenská Cave (Košel & Laštovka 1997).

***Exechiopsis (E.) lackschewitziana* (Stackelberg, 1948)**

A rare Palaeartic species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Localities:** NP Muránska planina: Poludnica, Maretkiná, 16.v.2009, 1 m (JŠ); NP Slovenský raj: Stratená, Vlčie diery Cave (Košel & Laštovka 1997).

***Exechiopsis (E.) ligulata* (Lundström, 1913)**

A rare European species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Localities:** NP Muránska planina: Fabova Hoľa, Javorníková, Ladová jama na Muráni (JŠ, OK); NP Slovenský raj: Stratená, Stratenská Cave (Košel & Laštovka 1997). Sampling dates: i-v.

***Exechiopsis (E.) magnicauda* (Lundström, 1911)**

A rather rare European species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Localities:** NP Muránska planina: Hrdzavá, Poludnica, Šiance, Veľká lúka (JŠ, OK); NP Slovenský raj: Hranovnické pleso (OK), Stratená, Stratenská Cave (Košel & Laštovka 1997); NP Slovenský kras: Silická ladnica. Sampling dates: ii-vi. and xi.

***Exechiopsis (E.) oltenica* (Burghele-Balacesco, 1965)**

A rare European species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Localities:** NP Muránska planina: Havrania dolina, Ladová jama na Muráni (OK); NP Slovenský raj: Stratená, Stratenská Cave, Vlčie diery Cave (Košel & Laštovka 1997). Sampling dates: i-v. and viii.

***Exechiopsis (E.) pseudindecisa* Laštovka & Matile, 1974**

A rare Palaeartic species, described from Mongolia and subsequently recorded in several European countries. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Localities:** NP Muránska planina: Poludnica, 27.ix.2009, 1 m (JŠ); NP Slovenský raj: Stratená, Koniarova Cave, Stratenská Cave, Vlčie diery Cave (Košel & Laštovka 1997); NP Slovenský kras, Krásnohorská Cave, vegetation along a stream and cave entrance, 3.vi.2009, 1 m (OK).

***Exechiopsis (E.) subulata* (Winnertz, 1863)**

A rather common European species. Larvae in small agarics. Recorded from Slovakia by Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, Ladová jama na Muráni, Šarkanica (JŠ, OK); NP Slovenský raj: Hranovnické pleso (OK). Sampling dates: v-xi.

***Exechiopsis (E.) unguiculata* (Lundström, 1911)**

A rather rare European species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Localities:** NP Muránska planina: Dolina Dudlavky, Ladová jama na Muráni (JŠ, OK); NP Slovenský raj: Hnilecká jelšina (OK), Stratená, Koniarova Cave (Košel & Laštovka 1997). Sampling dates: ii-ix.

***Exechiopsis (E.) vizzavonensis* (Edwards, 1928)**

A rare European species. This is the only record from Slovakia.

**Localities:** NP Slovenský raj: Stratená, Stratenská Cave, Vlčie diery Cave (Košel & Laštovka 1997).

**\**Exechiopsis (Xenexechia) crucigera* (Lundström, 1909)**

A rare European species. This is the first record from Slovakia.

**Locality:** NP Muránska planina: Hrdzavá, 3.ix.2008, 1 m (JŠ).

***Exechiopsis (X.) membranacea* (Lundström, 1912)**

A rare European species. Recorded for the first time from Slovakia by Ševčík (2002).

**Locality:** NP Muránska planina: Veľká lúka, 2.vi.2009, 1 m (OK).

***Notolopha cristata* (Staeger, 1840)**

A very common Palearctic species, mainly in mountains. Recorded from Slovakia by Chandler (1995), Martinovský (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Dudlavky, Dolina Hronca, road to Kl'ak, Hrdzavá, Ladová jama na Muráni, Maretkiná, Poludnica (valley), Zlatnica, PR Mokrú Polana, Trsteník (OK, JŠ); NP Slovenský kras: Silická Ladnica, Krásnohorská j. (OK); NP Slovenský raj: Mt. Javorina, Hnilecká jelšina, Kopanec (OK).  
Sampling dates: v.-ix.

***Pseudexechia trisignata* (Edwards, 1913)**

A rare European species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Localities:** NPR Šarkanica, 8.ix.2011, 1 m (JŠ); NP Slovenský raj: Zlatá diera Cave (Košel & Laštovka 1997); NP Slovenský kras: Silická Jablonica, Chovancova dolina Valley, 31.x.2008, 1 m (JŠ).

***Pseudexechia trivittata* (Staeger, 1840)**

A rather rare Palearctic species. This is the only record from Slovakia.

**Locality:** NP Slovenský kras: Zádielská tiesňava, 5.ix.2008, 1 m (JŠ, Ševčík 2009a).

**\**Pseudexechia tuomikoskii* Kjaerandsen, 2009**

A recently separated European species, similar to *P. trisignata*. This is the first record from Slovakia.

**Localities:** NP Muránska planina: Veľká lúka, 26.v.2009, 1 m (OK).

***Pseudobrachypeza helvetica* (Walker, 1856)**

A locally common Palearctic species. Recorded from Slovakia by Chandler (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Dolina Dudlavky, Hrdzavá, Javorníková dolina, Maretkiná, Cigánka, Lopusná, Šiance (OK, JŠ); NP Slovenský kras: Zádielská tiesňava (JŠ); NP Slovenský raj: Hnilecká jelšina, Hranovnické pleso (OK). Sampling dates: v.-xi.

***Pseudorymosia fovea* (Dziedzicki, 1910)**

A rather rare Palearctic species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Localities:** NP Muránska planina: Dolina Dudlavky, Javorníková, Ladová jama na Muráni, Poludnica, Zlatnica (JŠ, OK); NP Slovenský raj: Vojenská Cave (Košel & Laštovka 1997). Sampling dates: v.-ix.

***Rymosia affinis* Winnertz, 1863**

A widely distributed but uncommon Palearctic species. Recorded for the first time from Slovakia by Košel & Laštovka (1997).

**Localities:** NP Muránska planina: Cigánka, a small karst cave, 30.v.2009, 1 m (OK); NP Slovenský raj: Zelená Cave (Košel & Laštovka 1997).

***Rymosia fasciata* (Meigen, 1804)**

A rather common European species. Recorded from Slovakia by Košel & Laštovka (1997) and Ševčík (2009b).

**Localities:** NP Muránska planina: Hrdzavá, 29.v.2009, 1 m (OK), 28.vi. - 26.vii.2010, MT (JŠ); NP Slovenský kras: Silická Ladnica, 03.vi.2009, 2 m (OK).

**\**Rymosia fosteri* Chandler, 1994**

A recently described species, hitherto known only from Great Britain. This is the first record from Slovakia as well as for Central Europe.

**Locality:** NP Muránska planina: Hrdzavá, 28.vi.-26.vii.2010, 1 m, MT (JŠ).

***Rymosia lundstroemi* Dziedzicki, 1910**

A rare European species described from the Czech Republic and subsequently recorded from several other countries, including Slovakia (Ševčík 2006b).

**Localities:** NP Muránska planina: Hrdzavá, Javorníková dolina, Veľká lúka, Havrania dolina (OK); NP Slovenský raj: Hnilecká jelšina, Kopanec (OK). Sampling dates: v.-vi.

***Rymosia placida* Winnertz, 1863**

A rather rare European species. Recorded from Slovakia by Ševčík (2004a, 2009b).

**Localities:** NP Muránska planina: Javorníková, Hrdzavá, Šiance (OK, JŠ); NP Slovenský kras: Zádielská tiesňava (JŠ). Sampling dates: v.-ix.

***Rymosia setiger* Dziedzicki, 1910**

A rare European species described from the Czech Republic (Jeseník). Recorded from Slovakia by Martinovský (1995).

**Localities:** NP Muránska planina: Predná Hora (OK); NP Slovenský raj: Mt. Javorina, Hranovnické pleso (OK). Sampling dates: vi.

***Rymosia spinipes* Winnertz, 1863**

A rare European species. Recorded from Slovakia by Košel & Laštovka (1997).

**Localities:** NP Muránska planina: Hrdzavá, 1.xi.2008, 1 m (JŠ); NP Slovenský kras, Krásnohorská j., 3.vi.2009, 1 m (OK).

***Stigmatomeria crassicornis* (Stannius, 1831)**

A locally common Holarctic species. Recorded from Slovakia by Chandler (1995) and Ševčík (2009b).

**Localities:** NP Muránska planina: Cigánka, Dolina Dudlavky, Havrania dolina, Hrdzavá, Javorníková, Ladová jama na Muráni, Lopušná, Maretkiná, Mokrý Poľana, Muráň, Poludnica, Predná Hora, road to Kl'ak, Šarkanica, Šiance, Trsteník, Veľká lúka, Zlatnica (OK, JŠ); NP Slovenský kras: Drieňovec, Krásnohorská j., Silická Ladnica, Zádielská tiesňava (OK, JŠ); NP Slovenský raj: Hnilecká jelšina, Hranovnické pleso, Mt. Javorina, Stratenský kaňon (OK). Sampling dates: v.-x.

***Synplasta bayardi* Matile, 1971**

A very rare European species. Recorded from Slovakia by Chandler (1995) and Ševčík (2009b).

**Locality:** Poludnica, Suchý dol, 8.ix.2011, 1 m (JŠ).

***Synplasta exclusa* (Dziedzicki, 1910) /= *S. sintenisi* (Lackschewitz, 1937)/**

A rather rare European species. Recorded from Slovakia by Ševčík (2002, 2009b). The above mentioned synonymy was proposed by Ševčík (2009a).

**Localities:** NP Muránska planina: Hrdzavá, Javorníková, Poludnica, Tisovec (OK, JŠ). Sampling dates: v.-ix.

***Synplasta gracilis* (Winnertz, 1863)**

An uncommon Palearctic species. Recorded from Slovakia by Ševčík (2004a, 2009b).

**Localities:** NP Muránska planina: Fabova hoľa, Hrdzavá, Veľká lúka, Šiance (OK, JŠ). Sampling dates: v.-x.

***Synplasta praeformida* Dziedzicki, 1910**

A rare European species. Recorded from Slovakia by Ševčík (2000, 2009b).

**Locality:** NP Muránska planina: Javorníková dolina: entrance, 27.v.2009, 1 m (OK).

**\**Synplasta pseudingeniosa* Zaitzev, 1993**

A very rare European species, hitherto known only from northern Russia and Estonia. This is the first record from Slovakia as well as for Central Europe.

**Locality:** NP Slovenský raj: Mt. Javorina, 4.vi.2009, 1 m (OK).

***Synplasta terezae* Ševčík, 2009**

This species was described from NP Muránska planina and is still known only as the holotype.

**Locality:** NP Muránska planina: Hrdzavá, 14.v.2009, 1 m (JŠ, Ševčík 2009a).

***Tarnania fenestralis* (Meigen, 1838)**

A rather rare Palearctic species. Recorded from Slovakia by Laštovka (1984) and Ševčík (2009b).

**Localities:** NP Muránska planina: road to Kl'ak, Cigánka (OK); NP Slovenský kras: Silická Ladnica (OK). Sampling dates: v.-vi.

**Conclusions**

A total of 317 species of Mycetophilidae have been recorded from the Gemer region, including one species described as new to science (*Mycetophila gemerensis* sp. n.) and additionally 47 species are recorded as new to Slovakia (*Mycomya alpina*, *M. brunnea*, *M. collini*, *M. fissa*, *M. forestaria*, *M. heydeni*, *M. tridens*, *Acnemia falcata*, *Neuratelia minor*, *Polylepta zonata*, *Boletina lundbecki*, *B. minuta*, *B. nasuta*, *B. pallidula*, *Docosia setosa*, *Mycetophila czizekii*, *M. eppingensis*, *M. estonica*, *M. lobulata*, *M. paracruciator*, *M. pseudoforcipata*, *M. sinuosa*, *M. stricklandi*, *M. triseriata*, *Phronia obtusa*, *P. persimilis*, *P. signata*, *P. spinigera*, *Sceptonia cryptocauda*, *Trichonta melanura*, *T. subterminalis*, *Zygomysia pseudohumeralis*, *Allodiopsis moravica*, *Anatella ankei*, *A. breimia*, *Brevicornu auriculatum*, *B. bellum*, *B. nigrofusum*, *B. spathulatum*, *B. subfissicauda*, *B. verralli*, *Exechia confinis*, *Exechiopsis crucigera*, *E. forcipata*, *Pseudexechia tuomikoskii*, *Rymosia fosteri*, *Synplasta pseudingeniosa*). Habitus photos of representatives of different subfamilies are included in Fig. 8.

Within the Gemer region, Muránska planina NP is the most species-rich area with 287 species recorded, including 44 and 63 species in common with Slovenský kras NP and Slovenský raj NP, respectively. However, these numbers reflect rather unequal collecting effort than actual species composition. Anyway, the Gemer region is the most species-rich area in Slovakia with regard to the fauna of fungus gnats, together with the neighbouring Poľana Mts (see Ševčík 2009b) where 283 species of Mycetophilidae have been recorded up to now.

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### **Dvoukřídlí nadčeledi Sciaroidea (Diptera) regionu Gemer (střední Slovensko): Část 2 – Mycetophilidae**

Celkem 317 druhů čeledi Mycetophilidae je zaznamenáno z regionu Gemer na středním Slovensku. Materiál byl získán zejména v letech 2008–2011 pomocí Malaiseho pastí a individuálním sběrem autorů. Popsán je nový druh rodu *Mycetophila* Meigen, *M. gemerensis* sp. n., a dalších 47 druhů je zaznamenáno jako nových pro Slovensko. Navrženo je nové synonymum: *Mycetophila quadra* Lundström, 1909 = *M. chamberlini* (Laffoon, 1957) syn. n.