

New data on *Sciarioidea* (Diptera) from the Czech and Slovak Republics, with descriptions of seven new species of *Mycetophilidae*

Jan Ševčík

New data on *Sciarioidea* (Diptera) from the Czech and Slovak Republics, with descriptions of seven new species of *Mycetophilidae*. - Čas. Slez. Muz. Opava (A), 53: 49-74, 2004.

Abstract: One hundred and fifty species of fungus gnats (Diptera: *Sciarioidea*) are recorded from the Czech and Slovak republics, out of which 52 species are new for the fauna of the Czech Republic (further 30 are new for Bohemia and 12 for Moravia and Silesia) and 61 species are new for Slovakia. Six species are described as new from the Czech Republic - *Mycetophila bartaki* sp.n., *Sceptonia hamata* sp. n., *Sceptonia longisetosa* sp. n., *Sceptonia thaya* sp. n., *Allodia bohemica* sp. n., *Allodiopsis moravica* sp. n. and one species is described from Slovakia - *Mycetophila poloninensis* sp. n. Three species, *Mycetophila chamberlini* (Laffoon, 1957), *Mycetophila scitula* (Laffoon, 1957) and *Brevicornu canadense* Zaitzev, 1988, are for the first time recorded from the Palaearctic region. A new synonym is proposed: *Synplasta bayardi* (Matile, 1971) = *Brevicornu turgidula* Plassmann & Schacht, 1999 syn. n. The first record of host fungus is given for *Mycetophila bialorussica* Dziedzicki, 1884, *M. distigma* Meigen, 1830, *M. strigata* Staeger, 1840 and *Exechia repandoides* Caspers, 1984.

Keywords: fungus gnats, *Bolitophilidae*, *Diadocidiidae*, *Ditomyiidae*, *Keroplastidae*, *Mycetophilidae*, *Diptera*, *Insecta*, faunistics, checklist, taxonomy, new species, new records, Czech Republic, Slovakia.

Introduction

In the last checklist of the Czech and Slovak *Diptera* (Chvála 1997), 347 (220) species of the family *Mycetophilidae*, 15 (11) spp. of *Bolitophilidae*, 3 (3) spp. of *Diadocidiidae*, 3 (4) spp. of *Ditomyiidae* and 40 (28) spp. of *Keroplastidae* (incl. *Macrocerinae*) were reported from the Czech Republic (resp. Slovakia). Since that time, more than 120 species of *Mycetophilidae* (including 6 spp. new to science), *Bolitophilidae* and *Keroplastidae* have been added by Ševčík (1999 a, b), Ševčík & Martinovský (1999), Košel (1999), Martinovský & Barták (2000), Ševčík (2000, 2001 a, b, c), Chandler (2001), Martinovský (2001), Ševčík (2002, 2003), Ševčík & Papp (2002), Zaitzev & Ševčík (2003), Šedivý & Ševčík (2003) and Ševčík & Papp (2003).

In this paper, further 150 records of fungus gnats from both the Czech Republic and Slovakia are presented, including some previously known, but rare species. With these records, the Czech fauna of *Mycetophilidae* now comprises 514 species, and that of Slovakia 349 species. If not stated otherwise, all specimens are in the author's collection.

Abbreviations

CZ = Czech Republic; SK = Slovak Republic; NP = National Park; NNR = National Nature Reserve; NR = Nature Reserve; 1/3 = 1 male and 3 females; MT = Malaise trap; SW = sweeping (using entomological net); YPT = yellow pan traps.

Survey of species

BOLITOPHILIDAE

Bolitophila saundersii (Curtis, 1836)

Material examined: CZ, Bohemia, Orlické hory Mts., Biskupská cesta, 2.11.1995, 2/0, Hájek leg. (YPT).

A widely distributed, but uncommon species. New for Bohemia.

Bolitophila ingrca Stackelberg, 1969

Material examined: SK, Bukovské vrchy Mts., Stuzica NNR, fir-beech forest, 9.5.2002, 2/1, J. Ševčík leg. (sweeping vegetation along the River Stuzica).

A rare species, known from central, northern and eastern Europe. New for Slovakia.

DIADOCIDIIDAE

Diadocidia (*Adidocidia*) *trispinosa* Polevoi, 1996

Material examined: CZ, Bohemia, Šumava Mts., Horská Kvilda, spruce forest, 20.5.-17.6.1999, 1/1, M. Barták & Š. Kubík leg. (MT).

This species was reported as new for the Czech Republic (and central Europe) by Ševčík (2001b), who identified it as the Nearctic species *Diadocidia borealis* Coquillett, 1900. In the meantime, Polevoi (1996) described a new, closely related Scandinavian species *D. trispinosa*. The Czech specimens are now considered to belong to the latter species.

NTB!

DITOMYIIDAE

Ditomya macroptera Winnertz, 1852

Material examined: CZ, Moravia & Silesia, Komorní Lhotka (= „Kamerál Ellgoth“ on the original locality label), 8.6.1879, 1/1, A. Hetschko leg., coll. Moravian Museum Brno.

A very rare species. Only these two Czech specimens are known to me, collected in the 19th century. It is interesting that also Zaitzev (1994) gives only such an old record.

KEROPLATIDAE

Keroplatus reaumurii (Dufour, 1839)

Material examined: CZ, Bohemia, Kunice, 430m, 11.-12.9.1999, 1/0, M. Barták leg. (YPT).

A rare species, from the Czech Republic only mentioned in checklists (Laštovka 1987, Košel et al. 1997), without precise data. Occurrence confirmed in the Czech Republic.

Keroplatus tipuloides Bosc, 1792

Material examined: CZ, Moravia & Silesia, Moravskoslezské Beskydy Mts., Horní Lomná - Hruška, 10.7.-10.8.1999, 0/1, M. Barták leg. (MT).

A rare and remarkable species. Occurrence confirmed in the Czech Republic.

Macrorrhyncha ancae Matile, 1975

Material examined: CZ, Moravia & Silesia, Podyjí NP, Vranov nad Dyjí env., Ledové sluje, 26.-28.6.2002, 1/0, M. Barták & Š. Kubík leg. (YPT).

Previously known from France and Switzerland, new for the Czech Republic.

Pyratula alpicola Chandler in Chandler & Blasco-Zumeta, 2001

Material examined: CZ, Moravia & Silesia, Podyjí NP, Hnanice env., Fládnická chata, 28.-30.8.2001, 1/0, M. Barták & Š. Kubík leg. (YPT).

A recently described species, known from Andorra and Switzerland, new for the Czech Republic.

Pyratula perpusilla (Edwards, 1913)

Material examined: CZ, Moravia & Silesia, Podyjí NP, Havrančky, steppe, 24.7.-29.8.2001, 15/1, Hnanice env., Fládnická chata, 28.-30.8.2001, 2/0, Liščí skála, steppe, 24.7.-29.8.2001, 11/1, all M. Barták & Š. Kubík leg. (MT and YPT).

A local species, which apparently prefers warm and dry localities. New for Moravia & Silesia, from Bohemia recorded by Ševčík (2001c).

***Urytalpa rhapsodica* Chandler, 1995**

Material examined: CZ, Bohemia, Jizerské hory Mts., Jizerka - Bukovec, spruce forest, 23.7.-5.8.2003, 1/0, Vonička & Preisler leg. (YPT).

A rare mountain species, described from the Vysoké Tatry Mts. in Slovakia. This is the first record after the description. New for the Czech Republic.

MYCETOPHILIDAE

***Mycomya (Calomycomya) avala* Väisänen, 1984**

Material examined: CZ, Moravia & Silesia, Ostrava - Petřkovice, Lanek National Nature Monument, 22.6.2003, 1/0, J. Ševčík leg. (SW).

A rare species, hitherto known only from northern Europe. New species and subgenus for the Czech Republic.

***Mycomya (Mycomya s. str.) annulata* (Meigen, 1818)**

Material examined: CZ, Bohemia, Šumava Mts., Kyselovský les, peat-bog, 18.7.-27.9.1997, 108/2, M. Barták & J. Roháček leg. (MT).

A locally abundant species, new for Bohemia.

***Mycomya (M.) maculata* (Meigen, 1804)**

Material examined: CZ, Bohemia, Jizerské hory Mts., Rybí Loučky, peat-bog, 9.-23.7.2003, 2/0, P. Vonička & J. Preisler leg. (MT).

A Holarctic species, known from several northern-European countries. New for the Czech Republic.

***Mycomya (M.) maura* (Walker, 1856)**

Material examined: CZ, Bohemia, Šumava Mts., Jezerní slať, peat-bog, 6.-29.9.1996, 1/0, M. Barták & J. Roháček leg. (MT); Jizerské hory Mts., Jizerka - Bukovec, spruce forest, 23.7.-5.8.2003, 3/0, Vonička & Preisler leg. (YPT).

This species is known from western Europe. New for the Czech Republic.

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

Material examined: SK, Velká Fatra Mts., Mošovce env., 29.5.1992, 1/0, M. Kozánek leg. (MT).

A Holarctic species, known to occur in many European countries. New for Slovakia.

***Mycomya (M.) pseudoapicalis* Landrock, 1925**

Material examined: CZ, Bohemia, Šumava Mts., Nová Hůrka, peat-bog, 18.5.-15.6.1999, 4/0, M. Barták & Š. Kubík leg. (MT).

Väisänen (1984) recorded this species as new for the Czech Republic from the Rejvíz peat-bog. Here is recorded for the first time from Bohemia.

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

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stuzica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).

Reported from several European countries, including the Czech Republic (Väisänen 1984). New species for Slovakia.

***Mycomya (M.) storai* Väisänen, 1979**

Material examined: CZ, Moravia & Silesia, Polanka nad Odrou, Blücherův les, floodplain forest, 1.-28.6.1997, 1/0; Střeň, 1.-27.6.1997, 1/0, both J. Ševčík leg. (YPT).

A remarkable species, recorded from several European countries. New for the Czech Republic.

***Mycomya (Mycomyopsis) penicillata* (Dziedzicki, 1885)**

Material examined: SK, Děvín nr. Bratislava, Devínska Kobyla NNR, 22.-23.6.1994, 1/0, M. Kozánek leg. (MT).

This species is reported mainly from northern Europe. New species for Slovakia.

***Acnemia amoena* Winnertz, 1863**

Material examined: CZ, Moravia & Silesia, Lanžhot, Soutok NNR, floodplain forest, 2.8.1996, J. Schlaghamerský leg. (emergence trap); Podyjí NP, Liščí skála, steppe, 24.7.-29.8.2001, 1/0, M. Barták & Š. Kubík leg. (MT).

New for the Czech Republic. Recently recorded from Slovakia (Ševčík 1999).

***Anaclileia beshovskyi* Bechev, 1990**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Vranov nad Dyjí env., Ledové sluje, floodplain forest, 13.5.-1.6.2002, 0/1, M. Barták & Š. Kubík leg. (MT).

This species was described from Bulgaria and subsequently recorded from Switzerland (Chandler 1998). New for the Czech Republic.

***Neuratelia subulata* Zaitzev, 1994**

Material examined: CZ, Bohemia, Jizerské hory Mts., Horní Maxov, Malá Strana, 9.-23.7.2003, 1/0, Vonička & Preisler leg. (MT); Moravia & Silesia, Zlaté Hory, 25.6.2003, 1/0, J. Ševčík leg. (SW).

Recently distinguished from the common species *N. nemoralis* (Meigen, 1818). New for the Czech Republic.

***Sytemna elegantia* Plassmann, 1978**

= *Sytemna setigera* Lundström, 1914 sensu Okland (1995)

Material examined: CZ, Bohemia, Šumava Mts., Horská Kvilda, spruce forest, 20.5.-17.6.1999, 1/0, M. Barták & Š. Kubík leg. (MT); SK, Bukovské vrchy Mts., Nová Sedlica, Stužica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).

This species has been redescribed by Polevoi (2003). It is new for both the Czech Republic and Slovakia.

***Sytemna morosa* Winnertz, 1863**

Material examined: CZ, Bohemia, Jizerské Hory Mts., Jizery, peat-bog, 10.7.-1.8.2002, 1/0, Nová Louka, peat-bog, 10.7.-1.8.2002, 1/0, both P. Vonička leg. (MT); SK, Bukovské vrchy Mts., Nová Sedlica, Stužica NNR, 21.8.2001, 1/0, J. Ševčík leg. (SW).

This species was recorded from Bohemia already by Laštovka (1987), but without any concrete data. This is a confirmation of the occurrence in the Czech Republic and a new record for Slovakia.

***Sytemna nitidula* Edwards, 1925**

Material examined: CZ, Bohemia, Jizerské Hory Mts., Jizery, peat-bog, 17.6.-28.6.2002, 1/0, P. Vonička leg. (MT); Moravia & Silesia, Hrubý Jeseník Mts., Vrbno pod Pradědem, Jelení bučina NR, 4.9.-9.10.1999, 1/0, J. Ševčík leg. (YPT); Moravskoslezské Beskydy Mts., Velká Kyčera, 22.6.2000, 1/0, J. Roháček leg. (SW).

Polevoi (2003) preliminarily announced this species from the Czech Republic and here are presented the precise records.

***Sytemna relicta* (Lundström, 1912)**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Vranov nad Dyjí, Zadní Hamry, 26.6.-31.7.2002, 2/0, M. Barták & Š. Kubík leg. (MT); Rychlebské hory Mts., Javorník env., Račí údolí valley, 14.7.2001, 1/0; Šilheřovice, 1.-17.5.1998, 1/0, both J. Ševčík leg. (SW and YPT).

This is the only Czech species of *Sytemna*, which occurs at lower elevations. New for Moravia & Silesia.

***Sytemna setigera* Lundström, 1914**

= *Sytemna haagvari* Okland, 1995

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stužica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).

Although *Sytemna setigera* has already been published from the same eastern Slovakian locality by Martinovský (1995), it is not clear, if it referred to true *setigera* or to *elegantia*. This record (and also the relevant above) confirms that both the species occur on this excellent locality.

***Sytemna stylata* Hutson, 1979**

Material examined: CZ, Bohemia, Jizerské Hory Mts., Jizery, peat-bog, 10.7.-1.8.2002, 3/0, Rybí loučky, peat-bog, 4.-20.8.2003, 3/0, all P. Vonička leg. (MT); Šumava Mts., Nová Hůrka, peat-bog, 22.7.-20.8.1999, 1/0,

M. Barták & Š. Kubík leg. (MT).

This species apparently prefers mountain peat-bogs. New for the Czech Republic.

***Sytemna stylatoides* A. Zaitzev, 1994**

Material examined: CZ, Moravia & Silesia, Hrubý Jeseník Mts., Vrbuo pod Pradědem, Jelení bučina NR, 4.9.-9.10.1999, 3/0, J. Ševčík leg. (YPT).

A recently described species, hitherto not recorded from central Europe. New for the Czech Republic.

***Boletina anderschi* (Stannius, 1831)**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Podmolí, Nad Šobesem, forest-steppe, 3.5.-2.6.2003, 3/2, M. Barták & Š. Kubík leg. (MT); SK, Děvín nr. Bratislava, Devínska Kobyla NNR, forest-steppe, 23.-24.4.1994, 1/0, M. Kozánek leg. (MT).

All these records, as well as those by Martinovský & Barták (2000), are from dry and warm habitats. New species for Slovakia.

***Boletina digitata* Lundström, 1914**

Material examined: CZ, Bohemia, Šumava Mts., Šumava Mts., Horská Kvilda, spruce forest, 20.5.-17.6.1999, 1/0, Nová Hůrka, peat-bog, 18.5.-15.6.1999, 1/0; Zhůřské slatě, peat-bog, 18.5.-16.6.1999, 1/0, all M. Barták & Š. Kubík leg. (MT).

This species was recorded for the first time from the Czech Republic (southern Moravia) by Ševčík & Martinovský (1999). New for Bohemia.

***Boletina edwardsi* Chandler, 1992**

Material examined: CZ, Bohemia, Šumava Mts., Kyselovský les, peat-bog, 21.8.-27.9.1997, 1/0, M. Barták & J. Roháček leg. (MT).

This rare species has been known from Great Britain and northern Europe. New for the Czech Republic.

***Boletina griphoides* Edwards, 1925**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Horní Břečkov, near pond, 29.4.-17.5.2001, 1/0, Vranov nad Dyjí env., Braitava, 27.6.2002, 1/0, both M. Barták & Š. Kubík leg. (MT and car net).

Known from several European countries. New for the Czech Republic.

***Boletina lundstroemi* Landrock, 1912**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stužica NNR, 13.10.2001, 1/0, J. Ševčík leg. (SW);

This species was described from the Czech Republic (Moravia). New for Slovakia.

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

Material examined: CZ, Moravia & Silesia, Hrubý Jeseník Mts., Rejvíz, peat-bog, 4.9.1975, 1/0, J. Martinovský leg. (SW).

This species is known from Great Britain, Poland and Russian Karelia. New for the Czech Republic.

***Boletina nigricans* Dziedzicki, 1885**

Material examined: CZ, Bohemia, Šumava Mts., Kyselovský les, peat-bog, 21.8.-27.9.1997, 1/0, M. Barták & J. Roháček leg. (MT); Zhůřské slatě, peat-bog, 18.5.-16.6.1999, 1/0, M. Barták & Š. Kubík leg. (MT).

Chandler (1995) recorded this species as new for the Czech Republic from the Rejvíz peat-bog. Here is recorded as new for Bohemia.

***Boletina nitida* Grzegorzek, 1885**

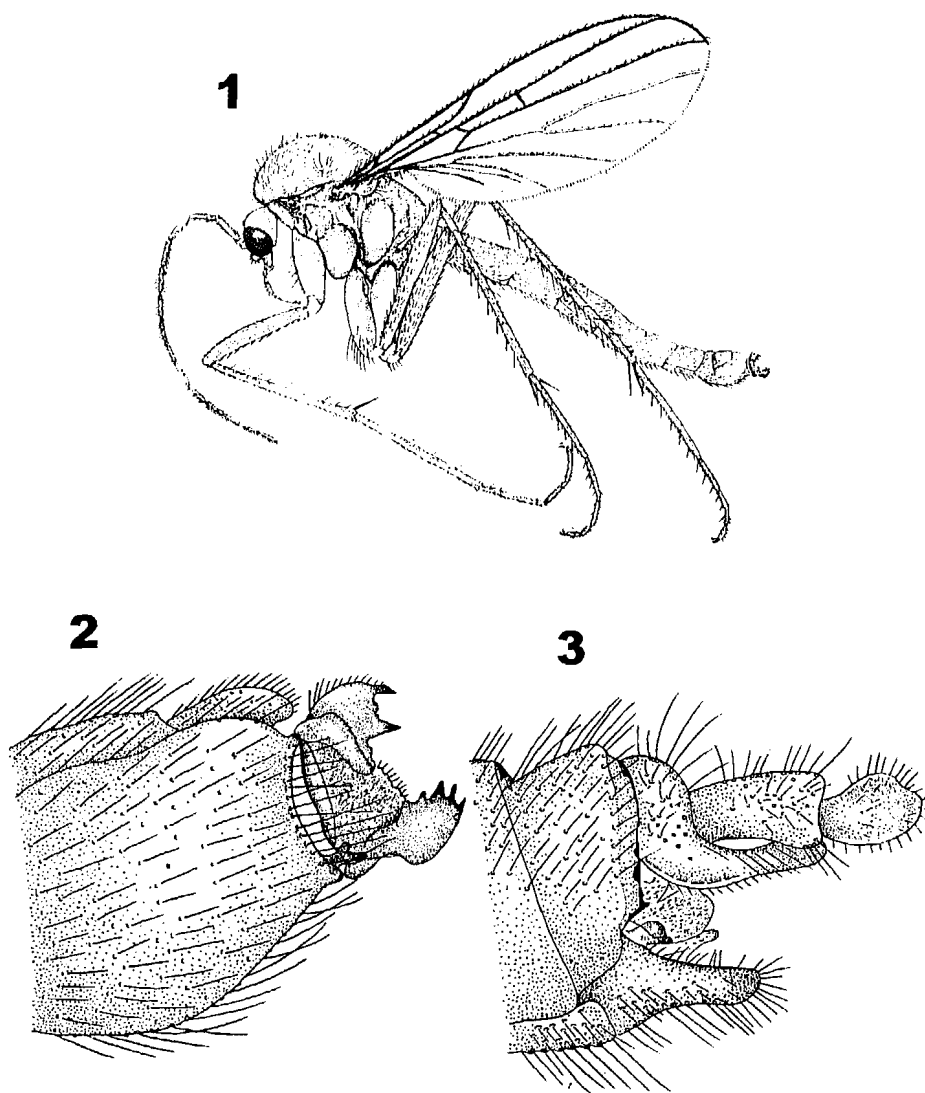
Material examined: SK, Tematínske vrchy Mts., Líka, 13.-20.9.1999, 1/0, M. Kozánek leg. (MT).

A widespread Palearctic species. New for Slovakia.

***Boletina oreadophila* Chandler, 1995**

Material examined: CZ, Bohemia, Šumava Mts., Horská Kvilda, spruce forest, 20.5.-17.6.1999, 15/2, Nová Hůrka, peat-bog, 16.6.-22.7.1999, 1/0, all M. Barták & Š. Kubík leg. (MT); Jizerské Hory Mts., Rybí loučky, peat-bog, 20.8.-2.9.2003, 20/0, P. Vonička leg. (MT).

Another mountain species. The holotype was collected in the Czech Republic (Hrubý Jeseník Mts., Praděd NNR). New from Bohemia.



Figs. 1 - 3: *Drepanocercus spinistylus* Soli, 1993; 1 - habitus; 2 - male terminalia in lateral view; 3 - female terminalia in lateral view (orig. J. Martinovský)

***Boletina pallidula* Edwards, 1925**

Material examined: CZ, Moravia & Silesia, Rychlebské Hory Mts., Ztracené údolí Valley, 20.7.1998, 1/0, J. Ševčík leg. (SW).

A rare species known from several European countries. New for the Czech Republic.

***Boletina subtriangularis* Polevoi & Hedmark, 2004**

Material examined: CZ, Moravia & Silesia, Hrubý Jeseník Mts., Vrbno pod Pradědem-Vidly, Jelení bučina

NR, 30.9.1999, 18/2, J. Martinovský leg. (at light).

A recently described species (Polevoi & Hcdmark 2004). New for the Czech Republic and central Europe.

***Boletina villosa* Landrock, 1912**

Material examined: CZ, Bohemia, Šumava Mts., Hraniční slať, 29.9.1996, 1/0, Jezerní slať, peat-bog, 6.-29.9.1996, 2/0, all M. Barták & J. Roháček leg. (SW and MT); Jizerské hory Mts., Rybí loučky, peat-bog, 5.-20.8.2003, 1/0, P. Vonička leg. (MT).

This species has been recorded from Great Britain, northern Europe and Germany. New for the Czech Republic.

***Coelophthina thoracica* (Winnertz, 1863)**

Material examined: CZ, Bohemia, Orlické hory Mts., Biskupská cesta, 2.11.1995, 1/0, Hájek leg. (YPT); Moravia & Silesia, Podyjí NP, Horní Břečkov, near pond, 28.-30.8.2001, 0/1, M. Barták & Š. Kubík leg. (YPT), Šilheřovice, 1.-17.5.1998, 1/0, J. Ševčík leg. (YPT).

It is interesting that all the above mentioned specimens (and also those recorded from Slovakia by Ševčík 2002) were collected into yellow pan traps. New species for Bohemia.

***Coelosia truncata* Lundström, 1909**

Material examined: CZ, Bohemia, Šumava Mts., Nová Hůrka, peat-bog, 20.8.-24.9.1999, 2/0, M. Barták & Š. Kubík leg. (MT); SK, Vysoké Tatry Mts., Velická dolina valley, 1500 m, spruce forest, 11.8.2003, 3/0, J. Roháček leg. (SW).

New for Bohemia and Slovakia.

***Drepanocercus spinistylus* Soli, 1993 (Figs. 1-3)**

Material examined: SK, Belianske Tatry Mts., Tristárska dolina valley, 1200 m, 24.6.1975, 3/0, 26.6.1975, 1/1, all J. Martinovský leg., 22.7.1977, 1/0, J. Starý leg.; Poľana Mts., Spady (750 m), waterfall env., 8.6.1999, 1/0, J. Martinovský leg. (all SW).

An apparently boreomontane species, known from northern Europe and from the Czech Republic recently recorded by Ševčík (2001b). The material from Slovakia shows interesting variability in wing characters. Three males and 1 female have the vein CuA1 normal (not interrupted at base) and the remaining 3 males have this vein basally interrupted, in accordance with the holotype. Vein R4 is absent on both wings in one male. I am pleased to publish here a figure of the male and female terminalia (the latter hitherto unknown), prepared by J. Martinovský, who distinguished this species as new almost thirty years ago (Figs. 1-3). New for Slovakia.

***Synapha fasciata* Meigen, 1818**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Vranov nad Dyjí env., Ledové sluje, 1.-26.6.2002, 1/0, M. Barták & Š. Kubík leg. (MT).

Recently recorded by Martinovský & Barták (2000) from Bohemia. New for Moravia.

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

Material examined: SK, Bukovské vrchy Mts., Kolbasov, Bzaná NR, 11.5.2002, 1/0, Nová Sedlica, 22.8.2001, 7/0, all J. Ševčík leg. (SW).

A relatively common species. New for Slovakia.

***Novakia scatopsiformis* Strobl, 1893**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Čížov, near pond, 24.7.-29.8.2001, 14/2, 29.8.-28.9.2002, 7/3, Hnanice, 24.7.-29.8.2001, 1/0, Horní Břečkov, near pond, 24.7.-29.8.2001, 1/0, Vranov nad Dyjí env., Zadní Hamry, 30.7.-31.8.2002, 2/1, all M. Barták & Š. Kubík leg. (MT).

A new genus and species for the Czech Republic. It is known also from Germany, Hungary, Switzerland, the former Yugoslavia and from the type locality in Tunisia.

***Dynatosoma nobile* Loew, 1873**

Material examined: SK, Bukovské vrchy Mts., Stučica NNR, 3.7.2002, 2/1, 14.8.2003, 2/0, J. Ševčík leg. (SW).

A rare species, known from central, northern and eastern Europe. New for Slovakia.

***Dynatosoma rufescens* (Zetterstedt, 1838)**

= *Dynatosoma bukowskii* Zaitzev, 1986

Material examined: CZ, Bohemia, Chomutov - Hutná, near brook, 14.7.-8.9.2002, 1/0, leg. M. Barták (MT); Orlické hory Mts., Klečkov, 3.9.1996, 2/0, Hájek leg. (YPT).

Ševčík (2001a) recorded several localities from Moravia & Silesia and from Slovakia. New for Bohemia.

***Dynatosoma silesiacum* Ševčík, 2001**

Material examined: CZ, Bohemia, Jizerské Hory Mts., Rybí loučky, peat-bog, 5.5.-17.5.2003, 1/0, P. Vonička & J. Preisler leg. (MT).

This is the second known specimen of this species, described from the Hrubý Jeseník Mts. New record for Bohemia.

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

Material examined: SK, Bukovské vrchy Mts., Stučica NNR, 3.7.2002, 1/0, J. Ševčík leg. (SW).

A further species of the *rufescens* group. New for Slovakia.

***Epicrypta scatophora* (Perris, 1849)**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Podmolčí env., Pod Šobesem, floodplain forest, 2.10.-28.11.2002, 1/0, M. Barták & Š. Kubík leg. (MT).

A very rare species with peculiar terminalia, hitherto reliably recorded only from Austria and Hungary. New species for the Czech Republic.

***Epicrypta limnophila* Chandler, 1981**

Material examined: CZ, Moravia & Silesia, Vranov nad Dyjí env., Ledové sluje, 1.-26.6.2002, 1/0, M. Barták & Š. Kubík leg. (MT).

This species has been known only from the Nearctic region and from the British Isles (Chandler, 1981). The first record from the Czech Republic and central Europe.

***Epicrypta torquata* Matile, 1977**

Material examined: CZ, Moravia & Silesia, Vranov nad Dyjí env., Braitava, 27.6.2002, 1/0, Široké pole, near river, 2.6.-2.7.2003, 1/0, M. Barták & Š. Kubík leg. (car net and emergence trap).

A rare species, known mainly from southern Europe. Recently recorded by Ševčík & Papp (2001) from Hungary. New for the Czech Republic.

***Macrobrachius kowarzi* Dziedzicki, 1889**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Podmolčí env., Pod Šobesem, 26.3.-8.5.2002, 3/1, Vranov nad Dyjí env., Ledové sluje, 20.7.-21.8.2002, 0/1, Zadní Hamry, 13.5.-1.6.2002, 0/2, all M. Barták & Š. Kubík leg. (MT and emergence traps), Šilheřovice, 1.-16.6.1998, 2/0, J. Ševčík leg. (YPT); SK, Bukovské vrchy Mts., Havešová NNR, 12.8.2003, 1/0, Stružnická dolina NR, 13.8.2003, 2/0, Stučica NNR, 14.8.2003, 1/0, Velká Polana, Cirocha shores, 13.8.2003, 1/0, all J. Ševčík leg. (SW).

Ševčík & Martinovský (1999) reported this species for the first time from the Czech Republic (southern Moravia). New genus and species for Slovakia.

***Mycetophila adumbrata* Mik, 1884**

Material examined: CZ, Bohemia, Jizerské Hory Mts., Jizery, peat-bog, 10.7.-1.8.2002, 1/0, P. Vonička leg. (MT); Moravia & Silesia, Dolní Lomná, 16.8.1998, 2/0, Polanka nad Odrou, Břičerův les, 26.5.1999, 1/0, Šilheřovice, 17.5.1997, 1/0; SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 3.7.2002, 2/0, Uličské Krivé, Rožok NNR, 23.8.2001, 1/0, all J. Ševčík leg. (SW).

New for Bohemia and Slovakia.

***Mycetophila autumnalis* Lundström, 1909**

Material examined: SK, Veporské vrchy Mts., Hriňová env., 4.8.1995, 1/0, M. Kozánek leg. (MT).

Described from Finland, in the Czech Republic recently recorded by Ševčík (2001b). New for Slovakia.

***Mycetophila bartaki* sp. n.**

(Figs. 4-6)

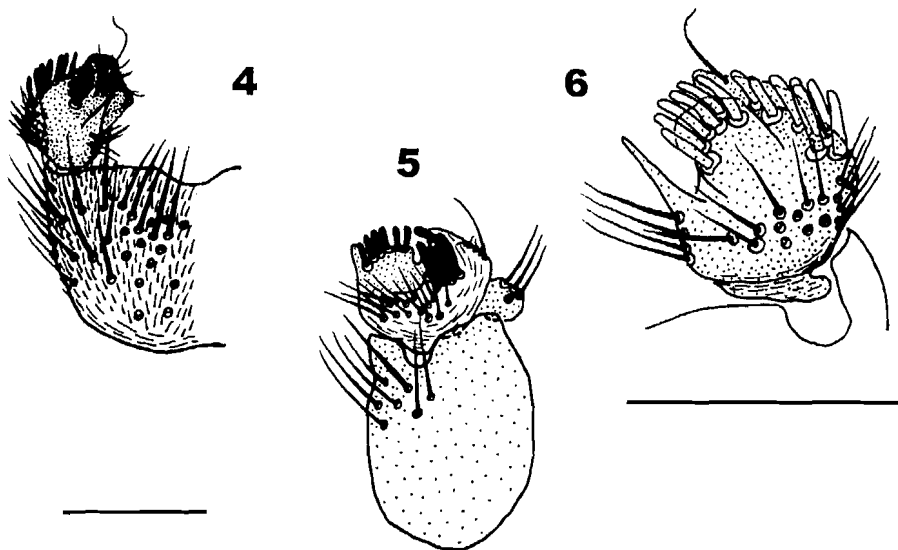
Type material: Holotype male - CZECH REPUBLIC, Bohemia, Chomutov - Hutná, near brook, 7.4.-

8.5.2002, leg. M. Barták (MT), coll. Silesian Museum, Opava.

Description. Male. Wing length 2.7 mm. Head dark brown. Antennae brown, with scape, pedicel and the first flagellomere yellowish. Mouthparts and palpi yellow. Mesonotum brown, with humeral area and lateral margins yellow, covered with fine pale setulae. Scutellum apically lighter, bearing four longer bristles. Halteres yellow. Legs yellowish, hind femora apically darkened. Wings hyaline, with well developed central spot and subapical band, not reaching median fork. Radial veins, except Rs, with macrotrichia. Abdomen dark brown. Terminalia (Figs. 4-6) yellowish brown, relatively small. Length of terminalia 0.25 mm.

Remarks. The identification of the species in this large genus is based primarily on the male terminalia. The new species has the structure of gonostylus somewhat similar to *M. edwardsi* and to the *M. lunata* Meigen group.

Etymology. This species is named after Prof. Miroslav Barták, an excellent Czech dipterist, who collected not only the holotype of this species, but also many other rare species treated in this paper.



Figs. 4 - 6: *Mycetophila bartaki* sp. n. (holotype); 4 - detail of gonostylus; 5 - terminalia in ventral view. Scale bar 0.1 mm.

***Mycetophila bialorussica* Dziedzicki, 1884**

Material examined: CZ, Moravia & Silesia, Šilheřovice, 16.6.1997, 1/0, 15.2.-28.2.1998, 1/0, 1.-12.11.1998, 1/0, J. Ševčík leg. (SW and YPT), Moravskoslezské Beskydy Mts., Bílá env., 13.5.2001/19.-24.5.2001, 7/14, ex *Polyporus* sp., J. Ševčík leg.; SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 2/0, J. Ševčík leg. (YPT).

The specimens reared from fungus (new host record) showed a remarkable variability in colour characters, especially in wing markings and yellow humeral spots. New species for both Moravia & Silesia and Slovakia.

***Mycetophila cingulum* Meigen, 1830**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 2/0, J. Ševčík leg. (YPT).

A rather common species. New for Slovakia.

***Mycetophila curviseta* Lundström, 1911**

Material examined: CZ, Bohemia, Orlické hory Mts., Biskupská cesta, 2.11.1995, 1/0, Hájek leg. (YPT);

Moravia & Silesia, Hrubý Jeseník Mts., Vrbno pod Pradědem, Jelení bučina NR, 1.-23.8.1997, 1/0, Polanka nad Odrou, Blücherův les, 19.8.1996, 1/0, Šilheřovice, Černý les NR, 3.9.1997, 2/0, 26.9.1997, 1/0, 1.-27.5.1998, 26/0, 1.-16.6.1998, 9/0, 1.-12.11.1998, 70/0, 30.5.1999, 1/0; SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 21.8.-13.10.2001, 1/0, Osadné, Udava NR, 4.7.2002, 12/0, Ruské, 13.8.2003, 2/0, Uličské Krivé, Rožok NNR, 23.8.2001, 9/0, all J. Ševčík leg. (SW and YPT).

A common species, mainly in beech forests. New for Bohemia.

***Mycetophila devioidea* Bechev, 1988**

Material examined: SK, Bukovské vrchy Mts., Stružnická dolina NR, 13.8.2003, 3/0, Uličské Krivé, Rožok NNR, 23.8.2001, 5/0, Velká Polana, Cirocha shores, 13.8.2003, 1/0, all J. Ševčík leg. (SW); Považský Inovec Mts., Ihelník, 27.9.-4.10.1999, 1/0, M. Kozánek leg. (MT).

This species was described from Bulgaria and these are the first records after the description. New for Slovakia.

***Mycetophila distigma* Meigen, 1830**

Material examined: CZ, Moravia & Silesia, Podyjí NR, Havraníky, 7.-26.6.2001, 1/0, Horní Břečkov, near pond, 27.3.-29.4.2001, 1/0, M. Barták & Š. Kubík leg. (MT); Polanka nad Odrou, Blücherův les, floodplain forest, 10.10.1998/25.10.1998, 1/1, ex *Bjerkandera adusta*, J. Ševčík leg.; SK, Děvín nr. Bratislava, Devínska Kobyla NNR, 16.-17.9.1994, 1/0, M. Kozánek leg. (MT); Bukovské vrchy Mts., Havešová NNR, 12.8.2003, 1/0, Osadné, Udava NR, 4.7.2002, 1/0, J. Ševčík leg. (SW).

The biology of this species has not yet been recorded (cf. Yakovlev 1994). A new species for both the Czech Republic and Slovakia.

***Mycetophila edwardsi* Lundström, 1913**

Material examined: CZ, Bohemia, Jizerské hory Mts., Jizerka - Bukovec, 23.7.-5.8.2003, 1/0, Vonička & Preisler leg. (YPT); Moravia & Silesia, Šilheřovice, 18.-30.5.1998, 1/0, J. Ševčík leg. (YPT); SK, Považský Inovec Mts., Ihelník, 18.-25.4.1999, 1/0; Veporské vrchy Mts., Hřiňová env., 8.9.1995, 1/0, both M. Kozánek leg. (MT).

An uncommon species, from Slovakia recorded by Chandler (1995). New for Bohemia.

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

Material examined: CZ, Moravia & Silesia, Polanka nad Odrou, Blücherův les, floodplain forest, 10.7.1998, 2/0, 7.8.1998, 2/0, J. Ševčík leg. (SW).

This species is known from Iran, France, Spain and Switzerland. New for the Czech Republic.

***Mycetophila chamberlini* (Laffoon, 1957)**

Material examined: SK, Bukovské vrchy Mts., Uličské Krivé, Rožok NNR, 23.8.-14.10.2001, 1/0, J. Ševčík leg. (YPT); Holotype - USA, Matanuska, Alas., 30.5.1944, J.C. Chamberlin leg. (rotary trap), type No. 62442 USNM, coll. Nat. Mus. Nat. Hist., Smithsonian Inst., Washington.

The Slovak specimen corresponds quite well with the holotype. It is also similar to the little known species *Mycetophila limbata* Lundström, 1911, which was described from Hungary, but the type material is probably destroyed or lost. No other material of *limbata* is known to me, so I could compare the Slovak specimen only with the original figures by Lundström (1911). As there are some small differences on the terminalia, mainly the absence of three thick apical setae on the gonostylus in the specimen figured, I prefer to consider both species distinct, at least as long as further material is collected. In any case, new species for Slovakia.

***Mycetophila karpatica* Landrock, 1925**

Material examined: SK, Bukovské vrchy Mts., Ostrožnica, Stružnická dolina NR, 13.8.2003, 1/0, J. Ševčík leg. (SW).

This is the first record of this very rare species, described from the Czech Republic (Moravskoslezské Beskydy Mts.), after the description. New for Slovakia.

***Mycetophila laeta* Walker, 1848**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 21.8.-13.10.2001, 1/0, J. Ševčík leg. (YPT).

A mainly mountain Holarctic species. New for Slovakia.

***Mycetophila lastovkai* Caspers, 1984**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).

The Czech records published by Ševčík (2001a) actually belong to the species *M. strigata* Staeger (see below). New for Slovakia.

***Mycetophila magnicauda* Strobl, 1895**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 21.8.-13.10.2001, 2/0, J. Ševčík leg. (YPT).

A rather rare species, known from several European countries, including the Czech Republic. New for Slovakia.

***Mycetophila mitis* (Johannsen, 1912)**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 2/0, J. Ševčík leg. (YPT).

A Holarctic species, recorded from the Czech Republic by Ševčík (2001b). This is the first record from Slovakia.

***Mycetophila morosa* Winnertz, 1863**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 1/0, Ruské, 13.8.2003, 1/0, both J. Ševčík leg. (YPT and SW).

Also reported from the Czech Republic by Ševčík (2001b). New for Slovakia.

***Mycetophila nigrofusca* Dziedzicki, 1884**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).

A rare species, known from several European countries. New for Slovakia.

***Mycetophila poloninensis* sp. n.**

(Figs. 7, 8)

Type material: Holotype male - Slovakia, Poloniny National Park (Bukovské vrchy Mts.), Kolbasov, Ulička Nature Monument, 23.8.2001, J. Ševčík leg. (SW).

Description. Male. Wing length 2.6 mm. Head dark brown. Antennae brown, pedicel and proximal half of the first flagellomere yellowish. Mouthparts and palpi yellow. Mesonotum yellow, covered with dark setae, with three dark brown longitudinal stripes. Scutellum dark brown, with two apical bristles. Halteres yellow. Legs yellowish, hind femora apically darkened. Wings hyaline, with a central spot and short subapical band, reaching to about a half the distance of R5 and median fork. Radial veins, except Rs, with macrotrichia. Branches of both median and cubital fork with sparse macrotrichia. Abdomen dark brown. Terminalia (Figs. 7, 8) brown, relatively small. Length of terminalia 0.3 mm.

Etymology. Named after the Poloniny NP, where the holotype of this species has been collected (and also many other species recorded in this paper). The Poloniny NP is situated in the easternmost part of Slovakia, along the borders with Poland and the Ukraine. It belongs to the geomorphological unit Bukovské vrchy Mts., which forms the westernmost part of the East Carpathians mountain system. The Slovak name „Bukovské“ refers to the fact that most of the area is covered by natural beech and fir-beech forests, the name „Poloniny“ is a local name for characteristic meadows on the mountain range, above the upper forest limit.

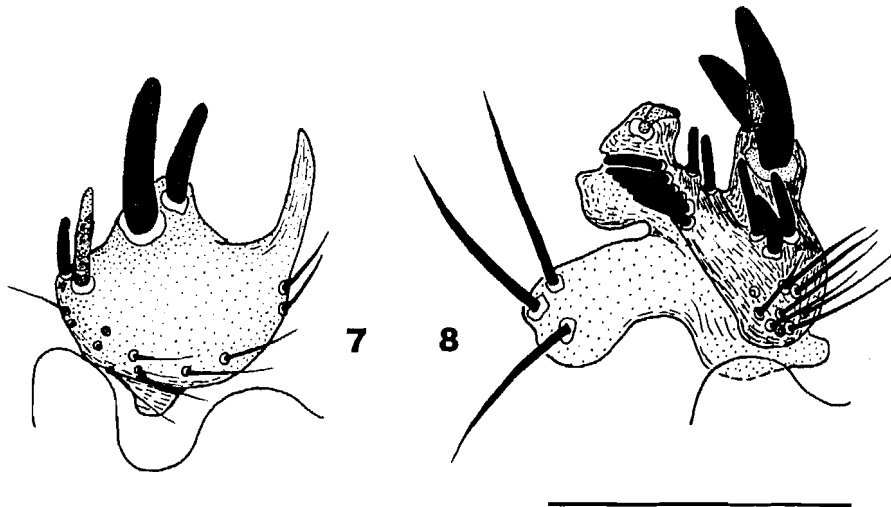
***Mycetophila rudis* Winnertz, 1863**

Material examined: CZ, Bohemia, Orlické hory Mts., Biskupská cesta, 2.11.1995, 6/0, Hájek leg. (YPT), Trčkov, 12.9.1995, 1/0, Hájek leg.; Moravia & Silesia, Šilheřovice, 28.4.1997, 1/0, 17.5.1998, 1/0, all J. Ševčík leg. (SW).

A widely distributed species, recently recorded from Slovakia by Ševčík (2000). New for Bohemia.

***Mycetophila scitula* (Laffoon, 1957)**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).



Figs. 7, 8: *Mycetophila poloninensis* sp. n. (holotype); 7 - left gonostylus in ventral view; 8 - dorsal view of gonostylus. Scale bar 0.1 mm.

This is the first Palaearctic record of this species. New for Slovakia.

***Mycetophila scotica* Edwards, 1941**

Material examined: SK, Bukovské vrchy Mts., Uličské Krivé, Rožok NNR, 23.8.2001, 1/0, J. Ševčík leg. (SW).

A rare Holarctic species. New for Slovakia.

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

Material examined: CZ, Bohemia, Orlické hory Mts., Klečkov, 3.9.1996, 2/0, Hájek leg. (YPT).

A recently described species from the *M. pumila* group, reported from Moravia & Silesia by Ševčík (2001a). New for Bohemia.

***Mycetophila strigata* Staeger, 1840**

= *Mycetophila fuliginosa* Dziedzicki, 1884

Material examined: CZ, Bohemia, Chomutov - Hutná, near brook, 14.7.-8.9.2002, 2/0, leg. M. Barták (MT); Jizerské Hory Mts., Šolcův rybník, 10.9.-8.10.2002, 1/0, P. Vonička leg. (MT); Moravia & Silesia, Moravskoslezské Beskydy Mts., Vyšní Mohelnice, 8.6.2002/23.-25.6.2002, 3/0, ex *Calocybe gambosa* J. Ševčík leg., Šilheřovice, 1.-17.5.1998, 1/0, J. Ševčík leg. (YPT); SK, Veporské vrchy Mts., Hriňová env., 20.9.1995, 1/0, M. Kozánek leg. (MT).

This species was erroneously published from Moravia & Silesia and Slovakia by Ševčík (2001a) under the misidentified name *M. lastovkai* Caspers (see above). *Calocybe gambosa* is the first known host fungus of *M. strigata* (cf. Yakovlev 1994). New species for Bohemia and Slovakia.

***Mycetophila stylatiformis* Landrock, 1925**

Material examined: SK, Bukovské vrchy Mts., Stužica NNR, fir-beech forest, 14.8.2003, 1/0, J. Ševčík leg. (SW vegetation along the River Stužica).

As in the case of *Mycetophila karpathica* (see above), this is the first record of this rare species after the description. The type locality of both *M. karpathica* and *M. stylatiformis* lies in the present Czech Republic (Moravskoslezské Beskydy Mts., West Carpathians). New for Slovakia.

***Mycetophila subsigillata* A. Zaitzev, 1999**

Material examined: CZ, Bohemia, Jizerské hory Mts., Jizerka, Bukovec, 23.7.-5.8.2003, 1/0, P. Vonička & J.

Preisler leg. (YPT); Nová Bystřice, 3.10.2001, 1/0, J. Máca leg.; SK, Bukovské vrchy Mts., Havešová NNR, 12.8.2003, 1/0, J. Ševčík leg. (both SW).

A recently described species, new for both the Czech Republic and Slovakia.

***Mycetophila triangularis* Lundström, 1912**

Material examined: CZ, Moravia & Silesia, Hrubý Jeseník Mts., Vrbno pod Pradědem, Jelení bučina NR, 4.9.-9.10.1999, 1/0; Šilheřovice, Černý les NR, 1.-17.5.1998, 1/0; SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 1/0, all J. Ševčík leg. (YPT).

A very rare species, hitherto known only from the type locality in the Ukraine. All the 3 above mentioned specimens were collected in old beech forests into yellow dishes filled with water solution of ethylene glycol. New species for both the Czech Republic and Slovakia.

***Mycetophila triangulata* Dziedzicki, 1884**

Material examined: SK, Bukovské vrchy Mts., Havešová NNR, 12.8.2003, 1/0, Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 1/0, Uličské Krivé, Rožok NNR, 23.8.2001, 2/0, J. Ševčík leg. (YPT and SW).

Another very rare species, similarly hitherto known only from the type locality (in Byelorussia). New for Slovakia.

***Mycetophila tuberosa* Lundström, 1911**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Vranov nad Dyjí env., Zadní Hamry, 16.10.-28.11.2002, 1/0, M. Barták & Š. Kubík leg. (MT); SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.2002, 1/0, J. Ševčík leg. (SW).

This species has been known from Austria and Rumania. New for both the Czech Republic and Slovakia.

***Mycetophila unicolor* Stannius, 1831**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).

Recently recorded from Bohemia by Ševčík (2001b). New for Slovakia.

***Mycetophila vivida* Plassmann & Schacht, 1999**

Material examined: CZ, Moravia & Silesia, Hrubý Jeseník Mts., Vrbno pod Pradědem, Jelení bučina NR, 1.-23.8.1997, 1/0, J. Ševčík leg. (YPT), Podyjí NP, Braitava, 18.5.2004, 1/0, J. Ševčík leg. (SW).

A recently described species, known from Germany and Switzerland. New for the Czech Republic.

***Phronia braueri* Dziedzicki, 1889**

Material examined: CZ, Bohemia, Jizerské hory Mts., Jizerka, Bukovec, 23.7.-5.8.2003, 1/0, P. Vonička leg. (YPT); Orlické hory Mts., Klečkov, 3.9.1996, 1/0, Hájek leg. (YPT); Šumava Mts., Kyselovský les, peat-bog, 21.8.-27.9.1997, 1/0, M. Barták & J. Roháček leg. (MT); Moravia & Silesia, Šilheřovice, Černý les NR, 1.-17.5.1998, 1/0, J. Ševčík leg. (YPT).

A rather common species, new for Bohemia.

***Phronia disgrega* Dziedzicki, 1889**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Havraníky, steppe, 24.7.-29.8.2001, 1/0, Vranov nad Dyjí env., Braitava, 26.3.-13.5.2002, 1/0, M. Barták & Š. Kubík leg. (MT), Šilheřovice, 14.-28.2.1998, 1/0, J. Ševčík leg. (YPT); SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).

A Holarctic species, recently recorded from the Czech Republic by Ševčík (1999). New for Slovakia.

***Phronia egregia* Dziedzicki, 1889**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).

Also Holarctic species, new for Slovakia.

***Phronia electa* Dziedzicki, 1889**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 14.8.2003, 1/0, J. Ševčík leg. (SW).

This species was described from the Czech Republic (Hrubý Jeseník Mts.). New for Slovakia.

***Phronia interstincta* Dziedzicki, 1889**

Material examined: CZ, Bohemia, Chomutov - Hutná, near brook, 19.5.-16.6.2002, 1/0, leg. M. Barták (MT); SK, Bukovské vrchy Mts., Nová Sedlica, Stuzica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).

A Holarctic species, described from Austria. New for Bohemia and Slovakia.

***Phronia sudefica* Dziedzicki, 1889**

Material examined: SK, Bukovské vrchy Mts., Runina env., Riaba skala NNR, 12.8.2003, 2/0, J. Ševčík leg. (SW).

A Holarctic species, described from the Czech Republic (Hrubý Jeseník Mts.). New for Slovakia.

***Sceptonia demeijerei* Bechev, 1997**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Havraníky, steppe, 27.5.-26.6.2001, 2/0, 26.6.-24.7.2001, 1/0, 26.3.-16.5.2002, 1/0, 11.6.-1.7.2002, 1/0, 24.7.-28.8.2002, 4/0, all M. Barták & Š. Kubík leg. (MT); SK, Veporské vrchy Mts., Hriňová env., 18.7.1995, 1/0, 24.9.1995, 1/0, 11.10.1995, 1/0, all M. Kozánek leg. (MT).

This species is known from the Netherlands and the Russian Karelia. New for both the Czech Republic and Slovakia.

***Sceptonia flavipuncta* Edwards, 1925**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Havraníky, steppe, 27.5.-7.6.2001, 1/0, 29.8.-28.9.2001, 1/0, Podmolí env., Liščí skála, steppe, 27.5.-7.6.2001, 1/0, all M. Barták & Š. Kubík leg. (MT).

Ševčík (2001a) recorded this species as new for Slovakia. New for the Czech Republic.

***Sceptonia fuscipalpis* Edwards, 1925**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Horní Břečkov, near pond, 26.6.-24.7.2001, 1/0, M. Barták & Š. Kubík leg. (MT).

This specimen has yellow palpi and the entire antennae dark brown. New for the Czech Republic.

***Sceptonia humerella* Edwards, 1941**

Material examined: CZ, Bohemia, Orlické hory Mts., Klečkov, 3.9.1996, 2/0, Hájek leg. (YPT).

A rare species, hitherto recorded only from Great Britain and Bulgaria (Bechev 1995). New for the Czech Republic.

***Sceptonia hamata* sp. n.**

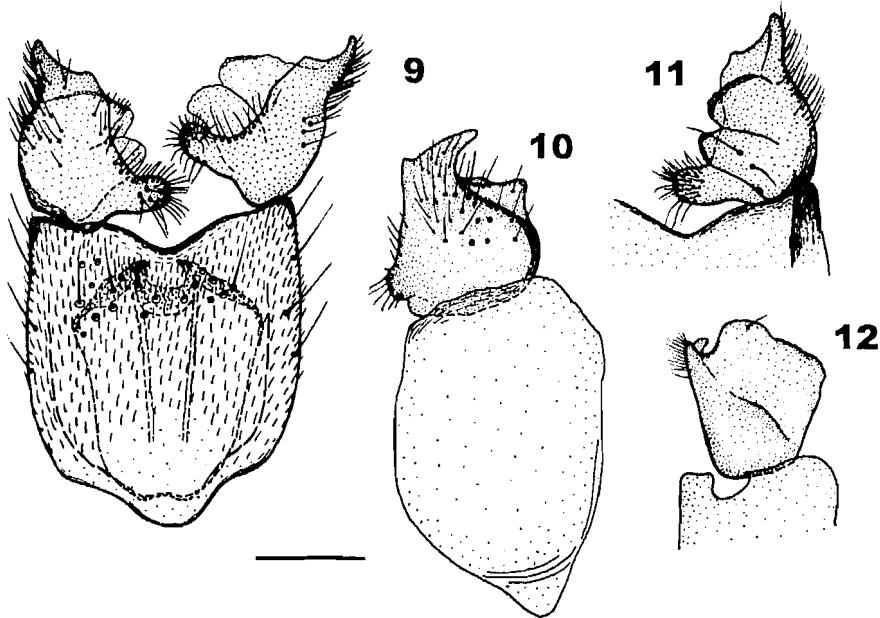
(Figs. 9-12)

Type material: Holotype male - CZECH REPUBLIC, Moravia, Podyjí NP, Podmolí env., Liščí skála, steppe, 29.4.-16.5.2001, M. Barták & Š. Kubík leg. (MT), coll. Silesian Museum, Opava. Paratypes - the same locality and collectors, 27.5.-26.6.2001, 1/0; Podyjí NP, Vranov nad Dyjí env., Ledové sluje, 31.8.-16.10.2002, 1/0, M. Barták & Š. Kubík leg. (MT), coll. J. Ševčík.

Description. Male. Wing length 2.5 mm. Head dark brown. Antennae brown, pedicel and a quarter of the first flagellomere yellowish. Mouthparts and palpi yellowish. Mesonotum brown, densely covered with dark setae. Scutellum bare, with four long subapical bristles. Halteres yellow. Legs yellowish, apical third of hind femora darkened. Wings hyaline, yellowish, more strongly near costa, without markings. R1 and R5 with macrotrichia, R5 about three times its width removed from R1. Veins M1, M2 and CuA basally yellow, with distal half brown. Abdomen dark brown. Terminalia (Figs. 9-11) brown, relatively large. Length of terminalia 0.45 mm. Gonocoxites caudally with shallow, v-shaped incision. Ventral part of gonostylus mediobasally prolonged and setose, apically with a characteristic hooked process. Tergite 9 subequal in length to gonocoxites. Cerci slightly shorter than tergite 9, simple (not bifid) and setose.

Remarks. This species belongs to the *S. concolor* Winnertz group and is similar to *S. pilosa* Bukowski, 1934. Both species differ mainly in the shape of gonostylus (best seen in lateral view, cf. Figs. 10 and 12).

Etymology. The specific name refers to the shape of gonostylus.



Figs. 9 - 11: *Sceptonia hamata* sp. n. (holotype); 9 – terminalia in ventral view; 10 - terminalia in lateral view; 11 – gonostylus from dorsal view;
 Fig. 12: *Sceptonia pilosa* Bukowski, 1934 (Slovakia) – lateral view of right gonostylus. Scale bar 0.1 mm.

***Sceptonia longisetosa* sp. n.**

(Figs. 13, 14)

Type material: Holotype male - CZECH REPUBLIC, Bohemia, Šumava Mts., Nová Hůrka, peat-bog, 18.5.-16.6.1999, M. Barták & Š. Kubík leg. (MT), coll. Silesian Museum, Opava. Paratypes - CZECH REPUBLIC, Bohemia, Šumava Mts., Zhůrské slatě, peat-bog, 18.5.-16.6.1999, 2/0, M. Barták & Š. Kubík leg. (MT), coll. J. Ševčík.

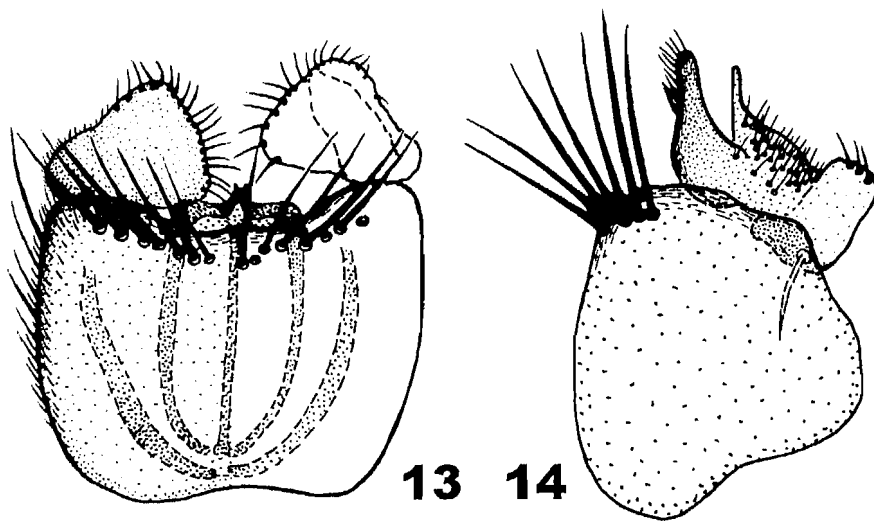
Description. Male. Wing length 2.2 mm. Head dark brown. Antennae brown, including scape and pedicel, only basal stalk of the first flagellomere yellowish. Mouthparts and palpi yellowish. Mesonotum dark brown, densely covered with setulae. Scutellum with four apical bristles. Halteres yellow. Legs yellowish, hind femur with apical half to third darkened. Wings hyaline, only slightly yellowish near costa, without markings. R1 and R5 with macrotrichia. R5 about twice its width removed from R1. All veins brown. Abdomen dark brown. Terminalia (Figs. 13, 14) brown, small. Length of terminalia 0.22 mm. Gonocoxites with long setae along its caudal margin. Ventral part of gonostylus simple, subtriangular. Dorsal lobes of gonostylus rather short, adjacent to ventral lobe. Tergite 9 short, about a half as long as gonocoxites. Cerci almost twice as long as tergite 9, setose.

Remarks. The new species belongs to the smaller species of the *S. concolor* Winnertz group and is most similar to *S. regni* Chandler. It differs from all the other species of *Sceptonia* by the long gonocoxal setae and in the shape of gonostylus.

Etymology. The specific name refers to the unusually long setae on the caudal margin of gonocoxites.

***Sceptonia membranacea* Edwards, 1925**

Material examined: CZ, Bohemia, Jizerské hory Mts., Jizery, peat-bog, 30.4.-17.5.2002, 1/0, P. Vonička leg. (MT); Moravia & Silesia, Horní Lipová, Ztracené údolí valley, 20.7.1998, 1/0, Šilheřovice, Černý les NR, 17.5.1997, 1/0, 18.4.1998, 1/0, all J. Ševčík leg. (SW); Podyjí NP, Vranov nad Dyjí env., Braitava, 16.10.-



Figs. 13, 14: *Sceptonia longisetosa* sp. n. (holotype); 13 – terminalia in ventral view; 14 - terminalia in lateral view. Scale bar 0.1 mm.

28.11.2002, 1/0, M. Barták & Š. Kubík leg. (MT); SK, Bukovské vrchy Mts., Ostrožnica, Stružnická dolina NR, 13.8.2003, 1/0, J. Ševčík leg. (SW).

A member of the *S. nigra* (Meigen) group. New for Bohemia.

***Sceptonia pughii* Chandler, 1991**

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.2002, 1/0, J. Ševčík leg. (SW).

This species has been known from Great Britain, Bulgaria and Greece (Bechev 1995). New for Slovakia.

***Sceptonia regni* Chandler, 1991**

Material examined: CZ, Bohemia, Šumava Mts., Chalupská slat', peat-bog, 5.-7.8.1996, 1/0, 29.9.1996, 1/0, M. Barták & J. Roháček leg. (YPT); Moravia & Silesia, Podyjí NP, Vranov nad Dyjí env., Ledové sluje, 16.10.-28.11.2002, 1/0, M. Barták & Š. Kubík leg. (MT).

These are the first records of this species after the description (based on one male from Great Britain). New for the Czech Republic and central Europe.

***Sceptonia tenuis* Edwards, 1925**

Material examined: CZ, Bohemia, Orlické hory Mts., Klečkov, 3.9.1996, 2/0, Hájek leg. (YPT); Moravia & Silesia, Podyjí NP, Havranfky, steppe, 27.5.-7.6.2001, 1/0, M. Barták & Š. Kubík leg. (MT).

New for Bohemia, from Moravia recorded by Ševčík & Martinovský (1999).

***Sceptonia thaya* sp. n.**

(Figs. 15-17)

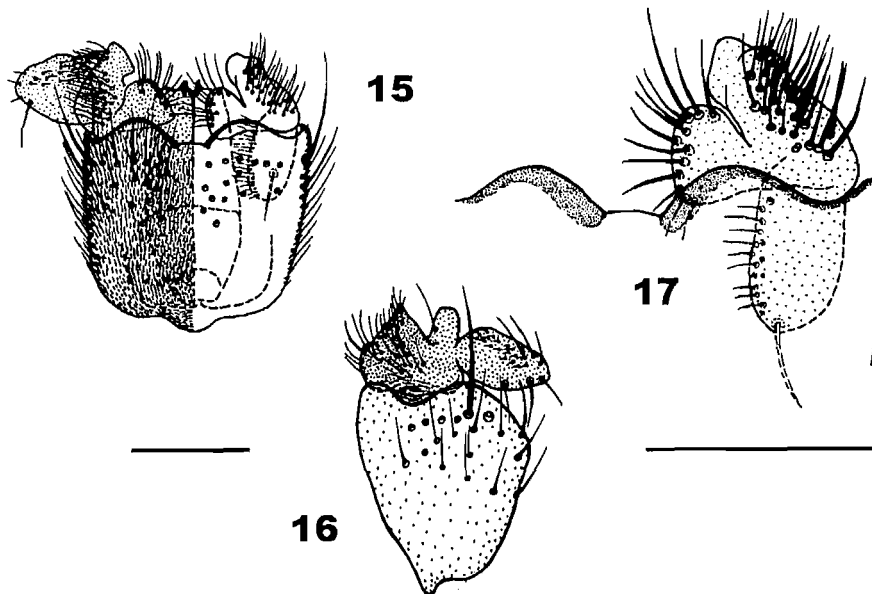
Type material: Holotype male - CZECH REPUBLIC, Moravia, Podyjí NP, Podmolí env., Liščí skála, steppe, 24.7.-29.8.2001, M. Barták & Š. Kubík leg. (MT), coll. Silesian Museum, Opava. Paratypes - CZECH REPUBLIC, Moravia, Podyjí NP, Havranfky, steppe, 27.5.-7.6.2001, 2/0, 16.5.-11.6.2002, 3/0, 18.-28.5.2002, 1/0, Vranov nad Dyjí env., Braitava, 13.5.-1.6.2002, 1/0, all M. Barták & Š. Kubík leg. (MT), coll. J. Ševčík and Silesian Museum, Opava.

Description. Male. Wing length 2.4-2.6 mm. Head dark brown. Antennae brown, pedicel and basal fifth of the first flagellomere yellowish. Mouthparts and palpi yellowish. Mesonotum brown, covered with pale setulae, without any yellow humeral spots. Scutellum with four long subapical

bristles. Halteres yellow. Legs yellowish, apical fourth of hind femora darkened. Wings hyaline, yellowish, more strongly near costa, without markings. R1 and R5 with macrotrichia. R5 about three times its width removed from R1. Veins M1, M2 and CuA basally yellow, with distal half brown. Abdomen dark brown. Terminalia (Figs. 15-17) brown, relatively small. Length of terminalia 0.25 mm. Gonocoxites caudally with a shallow U-shaped depression, which has dark lateral margins. Medioventral lobe of gonostylus with long setae. Dorsal lobe of gonostylus relatively large, oval and setose. Tergite 9 short, reaching to about two thirds of the length of gonocoxites. Cerci slightly longer than tergite 9, simple and setose.

Remarks. The new species is a typical member of the *concolor* Winnertz group and is similar to *S. flavipuncta* Edwards, which occurs sympatrically.

Etymology. The specific name, a noun in the nominative singular standing in apposition to the generic name, is the Latin and German name of the river Dyje. The Podyjí (= Thayatal in German) is a bilateral National Park along the canyon of the river Dyje, situated on the border between the Czech Republic and Austria. On the area of about 60 km² (the Czech part), it harbours exceptionally high diversity of flora and fauna, which is documented also by the occurrence of mycetophilids (e.g. four species of *Epicrypta* and ten species of *Sceptonia*), as recorded above. I am grateful to my colleague Dr. Jaroslav Starý for advising me to use the specific name „*thaya*“.



Figs. 15 - 17: *Sceptonia thaya* sp. n. (holotype); 15 – terminalia in ventral view; 16 - terminalia in lateral view; 17 – detail of right gonostylus. Scale bar 0.1 mm.

***Trichonta bicolor* Landrock, 1912**

Type material examined: Lectotype - herewith designated (to elucidate the identity and fix the status of this species) - CZ, Moravia, Adamstal (= Adamov near Brno), 17.5.1911, 1/0, K. Landrock, blue label „Type“, coll. Moravian Museum Brno.

Other material examined: CZ, Moravia & Silesia, Šilheřovice, Černý les NR, 1.-17.5.1998, 2/0, J. Ševčík leg. (YPT); SK, Bukovské vrchy Mts., Nová Sedlica, Stuzica NNR, 9.5.2002, 1/0, J. Ševčík leg. (SW).

The terminalia of the lectotype is in good condition, cleared in KOH and placed in a microvial with glycerol. New species for Slovakia.

***Trichonta flavicanda* Lundström, 1914**

Material examined: CZ, Bohemia, Jizerské hory Mts., Jizery, peat-bog, 27.8.-10.9.2002, 1/0, Syroha leg. (MT).

This species has been recorded for the first time from the Czech Republic (Moravia & Silesia) by Ševčík (1999a). New for Bohemia.

***Trichonta vitta* (Meigen, 1830)**

Material examined: SK, Bukovské vrchy Mts., Osadné env., Udava NR, 4.7.2002, 3/0, Runina env., Riaba skala NNR, 12.8.2003, 1/0, Ostrožnica, Stružnická dolina NR, 13.8.2003, 1/0, Nová Sedlica, Stučica NNR, 14.8.2003, 6/0, all J. Ševčík leg. (SW).

A common species. New for Slovakia.

***Zygonyia kiddi* Chandler, 1991**

Material examined: CZ, Bohemia, Jizerské hory Mts., Jizery, peat-bog, 10.-26.9.2002, 1/0, P. Vonička leg. (MT); Moravia & Silesia, Podyjí NP, Havraníky, steppe, 29.8.-28.9.2001, 1/0, Podmolí env., Pod Šobesem, 24.7.-2.9.2002, 1/0, M. Barták & Š. Kubík leg. (MT); SK, Považský Inovec Mts., Ihelník, 11.-18.10.1999, 1/0, M. Kozánek leg. (MT).

A recently recognized species of the *Z. humeralis* (Wiedemann) group. New for both the Czech Republic and Slovakia.

***Zygonyia matilei* Caspers, 1980**

Material examined: CZ, Moravia & Silesia, Šilheřovice, Černý les NR, 1.-17.5.1997, 1/0, 3.9.1997, 1/0, J. Ševčík leg. (MT and SW).

This species has been known only from the type locality near Bonn (Germany). New for the Czech Republic.

***Zygonyia pseudohumeralis* Caspers, 1980**

Material examined: CZ, Moravia & Silesia, Šilheřovice, Černý les NR, 1.-18.4.1998, 1/0, 18.9.1998, 1/0, J. Ševčík leg. (MT and SW).

This species has been known from Bohemia, here is recorded as new for Moravia & Silesia.

***Allodia (Allodia s. str.) septentrionalis* Hackman, 1971**

Material examined: CZ, Bohemia, Šumava Mts., Horská Kvilda, spruce forest, 20.5.-17.6.1999, 1/0, M. Barták & Š. Kubík leg. (MT); SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT); Vysoké Tatry Mts., Velická dolina valley, Pinus mugo growth, 12.8.2003, 1/0, J. Roháček leg. (SW).

This species has been recorded for the first time from the Czech Republic by Ševčík (1999a). New for Bohemia and Slovakia.

***Allodia (Brachycampta) bohémica* sp. n.**

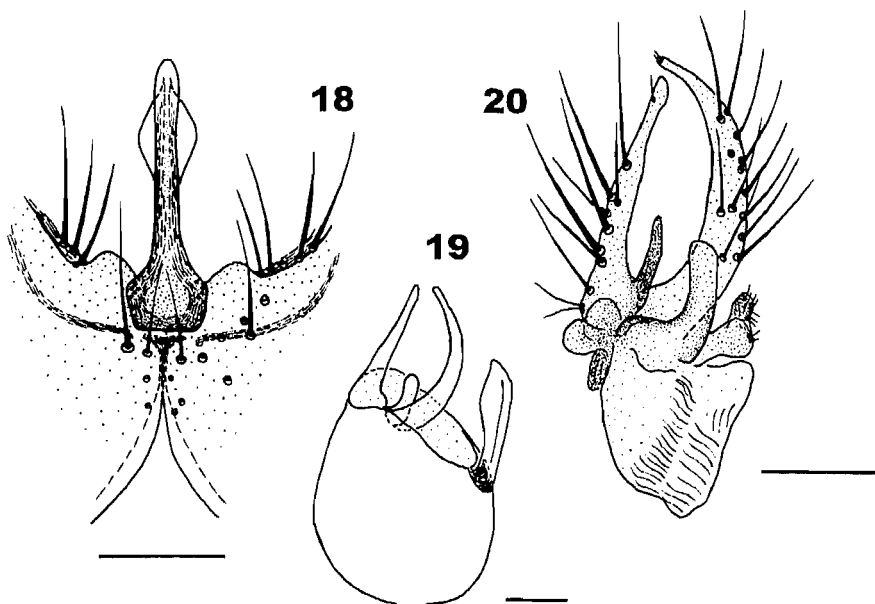
(Figs. 18-20)

Type material: Holotype male - CZECH REPUBLIC, Bohemia, Jizerské hory Mts., Šolcův rybník, 10.7.-1.8.2002, P. Vonička leg. (MT), coll. Silesian Museum, Opava.

Description. Male. Wing length 2.6 mm. Head dark brown. Antennae brown, pedicel and the first flagellar segment basally yellow. Palpi yellow. Mesonotum brown, humeral area yellow. Black discal bristles arranged in two longitudinal stripes, some bristles also along side margins of mesonotum. Scutellum brown, setose, with two apical longer setae. Anepisternum bare. Halteres yellow. Legs yellowish. Wings hyaline, unmarked. Vein Sc short, ending in R. Branches of M and CuA without setulae. Abdomen mostly dark brown, tergites 2-4 laterally lighter, but without demarcated yellow spots. Terminalia (Figs. 18-20) yellowish brown. Length of terminalia 0.5 mm.

Remarks. The new species belongs to the *Allodia pistillata* (Lundström, 1911) group, together with *A. subpistillata* Ševčík, 1999. It is more similar to the latter species, which also occurs on mountain peat-bogs, especially in smaller size and darker colouration.

Etymology. The specific name refers to the occurrence in Bohemia, a medieval name for the historical country in the western half of the present Czech Republic.



Figs. 18 - 20: *Allodia (Brachycampta) bohémica* sp. n. (holotype); 18 - medioventral process of gonocoxites; 19 - terminalia in lateral view; 20 -left gonostylus. Scale bar 0.1 mm.

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

Material examined: CZ, Moravia & Silesia, Hrubý Jeseník Mts., Vrbno pod Pradědem, Jelení bučina NR, 4.9.1999/19.9.1999, 6/7, ex *Peziza* sp., J. Ševčík leg.; Podyjí NP, Liščí skála, steppe, 29.4.-16.5.2001, 1/0, M. Barták & Š. Kubík leg. (MT); Šilheřovice, Černý les NR, 26.9.1997, 1/0, 18.-30.5.1998, 2/0, J. Ševčík leg. (SW and MT); SK, Bukovské vrchy Mts., Ruské, 13.8.2003, 2/0, J. Ševčík leg. (SW).

The cap fungi of the genus *Peziza* are typical hosts for this species. In the last check-list (Chvála 1997) listed from Moravia under the misidentified name *A. triangularis* (Strobl, 1895). New for Slovakia and occurrence confirmed in the Czech Republic.

***Allodia (B.) subpistillata* Ševčík, 1999**

Material examined: CZ, Bohemia, Šumava Mts., Nová Hůrka, peat-bog, 16.6.-22.7.1999, 3/0, M. Barták & Š. Kubík leg. (MT).

Further material of this recently described species. The type locality is a nearby peat-bog Malá Niva in the Šumava Mts. It has also been recorded from Russian Karelia by Polevoi (2000).

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

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, 12.-14.8.2003, 1/0, Ruské, 13.8.2003, 1/0, J. Ševčík leg. (at light and SW).

A recently described species from the *A. pseudodomestica* group, known from the Czech Republic and Hungary. New for Slovakia.

***Allodiopsis moravica* sp. n.**

(Figs. 21, 23)

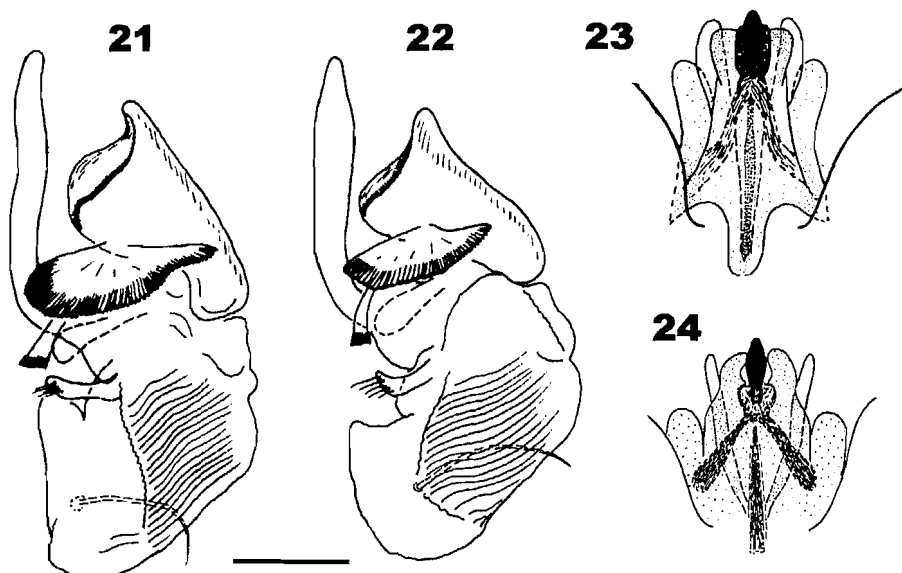
Type material: Holotype male - CZECH REPUBLIC, Moravia, Podyjí NP, Vranov nad Dyjí env., Ledové sluje, floodplain forest, 13.5.-1.6.2002, M. Barták & Š. Kubík leg. (MT), coll. Silesian Museum, Opava.

Description. Male. Wing length 3.8 mm. Head dark brown. Antennae apically brown, scape, pedicel and flagellomere 1 all yellow, flagellomeres 2-4 partially dorsally brown. Palpi and mouthparts yellow. Mesonotum brown, humeral area and lateral margins yellow. Black discal

bristles arranged in two longitudinal stripes, some bristles also along side margins of mesonotum. Scutellum brown, laterally yellow, with several short and four subapical long bristles. Mediotergite brown. Pleural sclerites mostly yellow. Anepisternum bare, laterotergite with about 6 long setae. Proepisternum with 3 dark bristles. Halteres yellow. Legs yellowish, each trochanter with a small black spot. Wings hyaline, unmarked. Vein Sc ending in R. Branches of M- fork not reaching wing margin. Both M-fork and Cu-fork with several macrotrichia near distal end. Tergites dorsally brown, laterally yellow, without clearly demarcated triangular spots. Terminalia (Figs. 21, 23) large, yellowish brown. Length of terminalia 1.25 mm.

Remarks. This new species belongs to the *Allodiopsis pseudodomestica* (Lackschewitz, 1937) group. It is very similar to *A. korolevi* Zaitzev, 1982, from which it differs in details on the male terminalia (cf. Figs. 21-24). *A. moravica* has broader fan-like transverse medial lobe of gonostylus and also differently shaped medioventral process of gonocoxites.

Etymology. The specific name refers to the occurrence in Moravia, a historical country forming, together with Silesia, the eastern part of the Czech Republic.



Figs. 21, 23: *Allodiopsis moravica* sp. n. (holotype); 21 – gonostylus; 23 – medioventral process of gonocoxites; Fig. 22, 24: *Allodiopsis korolevi* Zaitzev, 1982 (Estonia); 22 – gonostylus; 24 – medioventral process of gonocoxites. Scale bar 0.1 mm.

***Anatella gibba* Winnertz, 1863**

Material examined: CZ, Bohemia, Jizerské hory Mts., Jizerky - Saffrový potok, peat-bog, 29.8.-14.9.2002, 1/0, Sadflek leg. (YPT).

From Moravia & Silesia recorded by Ševčík (1999a). New for Bohemia.

***Anatella longisetosa* Dziedzicki, 1923**

Material examined: CZ, Bohemia, Jizerské hory Mts., Jizery, peat-bog, 10.-26.9.2002, 1/0, Syroha leg. (MT); Moravia & Silesia, Hrubý Jeseník Mts., Bučina NR, 24.8.1997, 1/0, Praděd NNR, Bílá Opava, 26.8.1997, 1/0, both J. Ševčík leg. (SW).

This species was described from the Czech Republic (Hrubý Jeseník Mts.). New for Bohemia.

***Anatella minuta* (Staeger, 1840)**

Material examined: CZ, Bohemia, Jizerské hory Mts., Šolcův rybník, 10.7.-1.8.2002, 2/0, P. Vonička leg. (MT); Moravia & Silesia, Polanka nad Odrou, Blücherův les, 3.-27.4.1999, 1/0, Šilheřovice, Černý les NR, 1.-17.5.1998, 1/0, both J. Ševčík leg. (YPT); SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.2002, 1/0, J. Ševčík leg. (SW).

From Bohemia recorded by Martinovský & Barták (2000). New for Slovakia.

***Anatella simpatica* Dziedzicki, 1923**

Material examined: CZ, Moravia & Silesia, Polanka nad Odrou, Blücherův les, 27.3.-3.4.1999, 1/0, Šilheřovice, Černý les NR, 28.2.-15.3.1998, 1/0, both J. Ševčík leg. (YPT); SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).

A Holarctic species, from the Czech Republic (Bohemia) recorded only in checklists, without precise data. New for Moravia & Silesia and Slovakia.

***Anatella stimulea* Plassmann, 1977**

Material examined: CZ, Bohemia, Jizerské hory Mts., Rybí loučky, peat-bog, 2.-27.9.2003, 1/0, P. Vonička & J. Preisler leg. (MT).

This species was described from Germany and subsequently recorded from Switzerland. New for the Czech Republic.

***Anatella unguigera* Edwards, 1921**

Material examined: CZ, Bohemia, Jizerské hory Mts., Šolcův rybník, 18.-28.6.2002, 3/0, P. Vonička leg. (MT).

A rare European species. New for the Czech Republic.

***Brachypeza (Brachypeza) armata* Winnertz, 1863**

Material examined: CZ, Moravia & Silesia, Šilheřovice, Černý les NR, 3.10.1999/19.10.1999, 4/3, ex *Pleurotus pulmonarius*, J. Ševčík leg.

This and the next species are associated with wood-decaying fungi of the genus *Pleurotus* (cf. Yakovlev 1994). New for Moravia & Silesia.

***Brachypeza (B.) bisignata* Winnertz, 1863**

Material examined: CZ, Moravia & Silesia, Křtiny near Brno, arboretum, 15.5.2003/28.-30.5.2003, 5/3, ex *Pleurotus pulmonarius*, J. Ševčík leg.; Podyjí NP, Podmolč env., Liščí skála, 27.9.-15.10.2001, 1/0, M. Barták & Š. Kubík leg. (MT); Šilheřovice, Černý les NR, 3.10.1999/19.-20.10.1999, 5/6, ex *Pleurotus pulmonarius*, J. Ševčík leg.

Although this (and the previous) species are listed in the last checklist, these are the first concrete published data from the Czech Republic.

***Brachypeza (Paracordyla) obscura* Winnertz, 1863**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Vranov nad Dyjí env., Braitava, 27.6.2002, 1/0, M. Barták & Š. Kubík leg. (car net).

Also this rare species has been only listed in the checklists. New for Moravia & Silesia and occurrence confirmed in the Czech Republic.

***Brevicornu canadense* A. Zaitzev, 1988**

Material examined: CZ, Moravia & Silesia, Lanžhot env., Ranšpurk NNR, floodplain forest, 24.5.1994, 1/0, R. Rozkošný & J. Vaňhara leg. (pitfall traps).

A very surprising finding. Only holotype of this species, collected in Canada, has been known up to the present. This is the second known specimen and the first record of this extremely rare species from the Palearctic region. New for the Czech Republic.

***Brevicornu glandis* Laštovka & Matile, 1974**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Vranov nad Dyjí env., Ledové sluje, 26.6.-31.7.2002, 1/0, M. Barták & Š. Kubík leg. (MT).

This species was described from Mongolia and subsequently recorded from Germany and Great Britain. New for the Czech Republic.

***Brevicornu serenum* (Winnertz, 1863)**

Material examined: SK, Bukovské vrchy Mts., Stučica NNR, 14.8.2003, 1/0, J. Ševčík leg. (SW).
Ševčík & Martinovský (1999) recorded this species from Moravia & Silesia. New for Slovakia.

***Cordyla fasciata* Meigen, 1830**

Material examined: CZ, Moravia & Silesia, Vranov nad Dyjí env., Braitava, 30.8.-1.9.2002, 2/0, M. Barták & Š. Kubík leg. (YPT).

Recently recorded by Ševčík (2002) from Slovakia. New for the Czech Republic.

***Cordyla flaviceps* (Staeger, 1840)**

Material examined: SK, Bukovské vrchy Mts., Runina env., Riaba skala NNR, 12.8.2003, 2/0, J. Ševčík leg. (SW).

Recently recorded by Ševčík (2001b) from the Czech Republic. New for Slovakia.

***Exechia cincta* Winnertz, 1863**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Horní Břečkov, near pond, 27.9.-11.11.2001, 1/0, M. Barták & Š. Kubík leg. (MT); SK, Bukovské vrchy Mts., Nová Sedlica, Stučica NNR, 9.5.2002, 2/0, J. Ševčík leg. (SW).

Ševčík (2001b) recorded only one Czech locality for this species. Since that time, several new specimens have been collected. New for Slovakia.

***Exechia dentata* Lundström, 1916**

Material examined: CZ, Bohemia, Orlické hory Mts., Biskupská cesta, 2.11.1995, 1/0, Hájek leg. (YPT); Moravia & Silesia, Podyjí NP, Podmolí env., Pod Šobesem, floodplain forest, 26.3.-8.5.2002, 1/0, M. Barták & Š. Kubík leg. (MT).

Further records of this overlooked species (cf. Ševčík 2001b). New for Bohemia.

***Exechia festiva* Winnertz, 1863**

Material examined: Moravia & Silesia, Adamov near Brno (= „Adamstal“ on the label), without other data, 1/0, K. Landrock leg., coll. Moravian Museum, Brno.

Recently recorded by Ševčík (2002) from Slovakia. New for the Czech Republic.

***Exechia lucidula* (Zetterstedt, 1838)**

Material examined: CZ, Bohemia, Šumava Mts., Nová Hůrka, peat-bog, 16.6.-22.7.1999, 1/0, all M. Barták & Š. Kubík leg. (MT); Jizerské Hory Mts., Rybí loučky, peat-bog, 5.8.-12.8.2003, 1/0, P. Vonička & J. Preisler leg. (YPT); Moravia & Silesia, Podyjí NP, Hnanice, 14.11.2001, 1/0, M. Barták & Š. Kubík leg. (MT).

A rare European species. New for the Czech Republic.

***Exechia macula* Chandler, 2001**

= *Exechia maculipennis* (Stannius, 1831)

Material examined: CZ, Bohemia, Jizerské hory Mts., Jizerky - Safírový potok, peat-bog, 29.8.-14.9.2002, 1/0, Sadílek leg. (YPT); Moravia & Silesia, Podyjí NP, Čížov, near pond, 28.-30.8.2001, M. Barták & Š. Kubík leg. (YPT); Polanka nad Odrou, Blücherův les, 16.8.1997, 1/0, J. Ševčík leg. (SW).

New for Bohemia and occurrence confirmed in the Czech Republic.

***Exechia pectinivalva* Stackelberg, 1948**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Hnanice, 24.-26.7.2001, 1/0, M. Barták & Š. Kubík leg. (YPT).

A rare species, from the Czech Republic (Bohemia) recorded by Ševčík (2001b). New for Moravia & Silesia.

***Exechia pseudofestiva* Lackschewitz, 1937**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Vranov nad Dyjí env., Ledové sluje, 1.-26.6.2002, 1/0, 20.7.-21.8.2002, 1/0, M. Barták & Š. Kubík leg. (MT).

Another species recently recorded from the Czech Republic (Bohemia) by Ševčík (1999a). New for Moravia & Silesia.

***Exechia repandoides* Caspers, 1984**

Material examined: CZ, Moravia & Silesia, Podyjí NP, Čížov, near pond, 7.-26.6.2001, 1/0, Vranov nad Dyjí env., Ledové sluje, 31.8.-16.10.2002, 1/0, M. Barták & Š. Kubík leg. (MT); Studénka, pond dam, 9.9.1999/16.9.1999, 1/0, ex *Cortinarius* sp., J. Ševčík leg.

This is the first record of host fungus for this recently separated species. New for the Czech Republic.

***Exechia styriaca* Strobl, 1898**

= *Exechia sororcula* Lackschewitz, 1937

Material examined: SK, Bukovské vrchy Mts., Nová Sedlica, Stužica NNR, 9.5.2002, 1/0, J. Ševčík leg. (SW).

A rare European species. New for Slovakia.

***Exechiopsis (Exechiopsis s. str.) fimbriata* (Lundström, 1909)**

Material examined: CZ, Bohemia, Jizerské hory Mts., Jizerky - Safirový potok, peat-bog, 11.-18.5.2003, 1/0, P. Vonička & P. Preisler leg. (YPT); Moravia & Silesia, Polanka nad Odrou, 29.10.1999/9.11.1999, 1/0, ex *Laccaria laccata*, J. Ševčík leg.

This is a confirmation of the previously known fungus host for this species. New for Bohemia.

***Exechiopsis (Xenexechia) leptura* (Meigen, 1830)**

Material examined: SK, Bukovské vrchy Mts., Ruské, 13.8.2003, 1/0, J. Ševčík leg. (SW).

A relatively common species. New for Slovakia.

***Pseudexechia aurivernica* Chandler, 1978**

Material examined: CZ, Bohemia, Jizerské Hory Mts., Šolcův rybník, 1.-14.8.2002, 1/0, Syroha leg. (MT).

Recently recorded as new for the Czech Republic (Moravia & Silesia) by Ševčík (2001b). New for Bohemia.

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

Material examined: CZ, Bohemia, Jizerské Hory Mts., Rybí Loučky, peat-bog, 20.8.-2.9.2003, 1/0, P. Vonička & J. Preisler leg. (MT); Moravia & Silesia, Hrubý Jeseník Mts., Vrbno pod Pradědem, Jelení bučina NR, 24.9.1998, 1/0, 4.9.1999, 1/0; Šilheřovice, Černý les NR, 1.-12.11.1998, 1/0, J. Ševčík leg. (SW and YPT); SK, Bukovské vrchy Mts., Nová Sedlica, Stužica NNR, 14.8.2003, 1/0, J. Ševčík leg. (SW).

New for Bohemia.

***Rymosia coulsoni* Chandler, 1994**

Material examined: CZ, Bohemia, Šumava Mts., Nová Hůrka, peat-bog, 16.6.-22.7.1999, 1/0, M. Barták & Š. Kubík leg. (MT).

This is the first record of this species after the description. The type material is from Great Britain. New for the Czech Republic and central Europe.

***Rymosia spiniforceps* Matile, 1963**

Material examined: CZ, Moravia & Silesia, Hrubý Jeseník Mts., Praděd NNR, Bílá Opava, 15.10.2000, 1/0, Divoký důl, 19.7.1998, 1/0, both J. Ševčík leg. (SW).

Chandler (1995) recorded this species from Bohemia and Slovakia. New for Moravia & Silesia.

***Rymosia tristis* Matile, 1967**

Material examined: SK, Západné Tatry - Roháče Mts., Roháč. plesa, 24.6.1971, 1/0, P. Lauterer leg. (SW), coll. Moravian Museum, Brno.

I have not seen the type material of this species, nor the similar (if not identical) *R. caucasia* Plassmann, 1976, but the terminalia agree quite well with the figures in the original description. New for Slovakia.

***Rymosia virens* Dziedzicki, 1910**

Material examined: CZ, Bohemia, Jizerské Hory Mts., Nová Louka, peat-bog, 5.-17.6.2002, 1/0, P. Vonička leg. (MT); Moravia & Silesia, Ostrava - Michálkovice, recultivated mine dump, 22.5.1999/1.6.1999, 1/0, ex *Cortinarius* sp., S. Graca leg.

New for Bohemia and occurrence confirmed in the Czech Republic.

***Synplasta bayardi* (Matile, 1971)**

= *Brevicornu turgidula* Plassmann & Schacht, 1999 syn. n.

Material examined: CZ, Moravia & Silesia, Podyjí NP, Horní Břečkov, near pond, 28.-30.4.2001, 1/0, M. Barták & Š. Kubík leg. (YPT). Germany, Oberbayern, Fürstenfeldbruck, Schöngesing, 550 m, Alter Einfang, Kellerbach, 7.8.1994, 1/0, W. Schacht leg. (holotype of *B. turgidula*, Zoologische Staatssammlung, München).

The figure of the male terminalia given by Plassmann & Schacht (1999) represents more caudal view than in the original figure by Matile (1971), so that the shape of the medioventral process of gonocoxites looks different. Both species are, however, identical. Martinovský & Barták (2000) recorded *S. bayardi* as new for the Czech Republic from Bohemia. New for Moravia & Silesia.

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

Material examined: CZ, Moravia & Silesia, Hrubý Jeseník Mts., Vrbno pod Pradědem, Jelení bučina NR, 21.7.-24.9.1998, 1/0, Šilheřovice, Černý les NR, 1.-30.5.1998, 3/0, all J. Ševčík leg. (YPT); SK, Bukovské vrchy Mts., Nová Sedlica, Stuzica NNR, 9.5.-3.7.2002, 1/0, J. Ševčík leg. (YPT).

This species has recently been recorded from Hungary by Ševčík & Papp (2001). New for Slovakia.

***Synplasta praeformida* (Dziedzicki, 1910)**

Material examined: CZ, Bohemia, Chomutov - Hutná, near brook, 19.5.-16.6.2002, 1/0, leg. M. Barták (MT); Orlické hory Mts., Klečkov, 3.9.1996, 1/0, Hájek leg. (YPT).

Ševčík (1999a) recorded this species from Moravia & Silesia. New for Bohemia.

***Synplasta venosa* (Dziedzicki, 1910)**

Material examined: CZ, Moravia & Silesia, Šilheřovice, Černý les NR, 1.-30.5.1998, 6/0; SK, Bukovské vrchy Mts., Nová Sedlica, Stuzica NNR, 9.5.-3.7.2002, 1/0, all J. Ševčík leg. (YPT).

A rare species, hitherto known from the Czech Republic, Hungary, Estonia and the type locality in Byelorussia. New for Slovakia.

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Nové údaje o nadčeledi *Sciaroidea* (Diptera) z České a Slovenské republiky, s popisy sedmi nových druhů čeledi *Mycetophilidae*

Stopadesát druhů bedlobytek (*Diptera: Sciaroidea*) je zaznamenáno z České republiky a Slovenské republiky, z toho 52 druhů je nových pro celou Českou republiku (dalších 30 je nových pro Čechy a 12 pro Moravu a Slezsko) a 61 druhů je nových pro Slovensko. Šest nových druhů je popsáno z České republiky - *Mycetophila bartaki* sp. n., *Sceptonia hamata* sp. n., *Sceptonia longisetosa* sp. n., *Sceptonia thaya* sp. n., *Allodia bohémica* sp. n., *Allodiopsis moravica* sp. n. a jeden druh ze Slovenska - *Mycetophila poloninensis* sp. n. Tři druhy, *Mycetophila chamberlini* (Laffoon, 1957), *Mycetophila scitula* (Laffoon, 1957) a *Brevicornu canadense* Zaitzev, 1988, jsou poprvé zaznamenány z Palearktické oblasti. Je navrženo jedno nové synonymum: *Synplasta bayardi* (Matile, 1971) = *Brevicornu turgidula* Plassmann & Schacht, 1999 syn. n. První záznam o hostitelské houbě je podán pro druhy *Mycetophila bialorussica* Dziedzicki, 1884, *M. distigma* Meigen, 1830, *M. strigata* Staeger, 1840 a *Exechia repandoides* Caspers, 1984.

Author's address: RNDr. Jan Ševčík, Ph.D., Silesian Museum, Department of Entomology,
Masarykova 35, CZ-746 46 Opava, Czech Republic. E-mail: sevcikjan@hotmail.com.

Nové knihy

Balner, V., Graca, M., Ševčík, J.: *Houby Národní přírodní památky Landek*. 32 str., Biologicko-ekologický klub, občanské sdružení, Ostrava, 2003.

Ostravský Landek si většina z Vás spojí s těžbou uhlí nebo s muzeem hornictví. Málo kdo však tuší s jakým druhovým bohatstvím rostlin, hub i živočichů se na této lokalitě můžeme setkat. Tajemství druhové rozmanitosti hub se snaží poodhalit publikace vydaná v letošním roce třemi regionálními mykology: Vítém Balnerem, Michalem Gracou a Janem Ševčikem.

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Vítá Plášek