

FAUNISTIC RECORDS
FROM CZECH REPUBLIC AND SLOVAKIA

TRICHO CERIDAE

JAROSLAV STARÝ

Department of Zoology and Laboratory of Ornithology, Faculty of Science, Palacký University,
tř. Svobody 26, CZ-771 46 Olomouc, Czech Republic [stary@prfnw.upol.cz]

Trichocera (Trichocera) polanensis Starý, 2002. Moravia bor., Hrubý Jeseník Mts, Kouty nad Desnou (5969), Divoká Desná valley, Zámčisko, 970 m n. m., 10.x.2007, 16 ♂, J. Starý leg., det. et coll. Described and only known from Slovakia. First record from Czech Republic.

LIMONIIDAE

JAROSLAV STARÝ

Department of Zoology and Laboratory of Ornithology, Faculty of Science, Palacký University,
tř. Svobody 26, CZ-771 46 Olomouc, Czech Republic [stary@prfnw.upol.cz]

Eloeophila mundata (Loew, 1871). Bohemia bor., Hejnice nr. Frýdlant (5157), 15.vi.2007, 1 ♂, J. Máca leg. et coll., J. Starý det. Widely distributed in Europe, including Czech Republic (Moravia) and Slovakia. First record from Bohemia.

Neolimnomyia filata (Walker, 1856). Bohemia mer., Světlík (7251), 21.vi.2006, 1 ♂, J. Máca leg. et coll., J. Starý det. Widely distributed in Europe, including Czech Republic (Moravia) and Slovakia. First record from Bohemia.

Idiocera (Idiocera) sexguttata (Dale, 1842). Moravia mer., Bílé Karpaty Mts, Lopeník (7072), Hrubý Mechnáč, 3.vii.–19.vii.2006, 1 ♂, 2 ♀, 19.vii.–23.viii.2006, 1 ♂, 1 ♀, Malaise trap, M. Omelková leg., 22.vi.2007, 2 ♂, 1 ♀, 2.vii.2007, 1 ♂, 1 ♀, J. Starý leg., all J. Starý det. et coll. Hitherto only known from Great Britain and Denmark. First record from Czech Republic and Central Europe. The records from Moravia under *I. (I.) pulchripennis* (Loew, 1856) (cf. STARÝ, 1993) belong to *I. (I.) sexguttata*. Hence, the former species is to be excluded from the Czech list. In Slovakia, by contrast, *I. (I.) pulchripennis* is only known (STARÝ, 1974).

Dicranomyia (Dicranomyia) omissinervis de Meijere, 1918. Bohemia bor., Hradčany nr. Doksy (5354), 1–2 km W, Ploučnice valley, 10.vii.2007, 10 ♂, 5 ♀, 13.vii.2007, 2 ♂, J. Starý leg., det. et coll. Widely distributed in Europe (except for southern countries), ranging to Mongolia and Russian Far East. Also known from Czech Republic (Moravia) and Slovakia. First record from Bohemia.

Orimarga (Orimarga) juvenilis (Zetterstedt, 1851). Moravia mer., Bílé Karpaty Mts, Lo-

peník (7072), Hrubý Mechnáč, 25.vi.–3.vii.2006, 1 ♀, Malaise trap, M. Omelková leg., 22.vi.2007, 1 ♂, 2.vii.2007, 1 ♂, J. Starý leg., all J. Starý det. et coll. Distribution: Scattered records from Europe, including Slovakia. First record from Czech Republic.

REFERENCES

STARÝ, J., 1974: *Acta Entomol. Bohemoslov.*, **71**: 136–140.

STARÝ, J., 1993: *Čas. Slez. Muz. Opava (A)*, **42**: 123–135.

PEDICIIDAE

JAROSLAV STARÝ

Department of Zoology and Laboratory of Ornithology, Faculty of Science, Palacký University, tř. Svobody 26, CZ–771 46 Olomouc, Czech Republic [stary@prfnw.upol.cz]

Tricyphona (Tricyphona) livida Madarassy, 1881. Bohemia mer., Novohradské hory Mts, Myslivna (7354), 6.viii.2002, 1 ♂, J. Máca leg. et coll., J. Starý det. (MÁCA 2004); Šumava Mts, Strážný (7048), Častá valley, 900 m n. m., 11.viii.1998, 1 ♂, J. Starý leg., det. et coll. Distribution: Scattered records from Europe, including Czech Republic (Moravia) and Slovakia.; north-west European Russia, Transcaucasia. Recorded as new to Bohemia by MÁCA (2004). Confirmed herewith and added with another record.

REFERENCES

MÁCA, J., 2004: Dvoukřídli (Diptera). In PAPÁČEK, M. (ed.): *Biota Novohradských hor: modelové taxony, společenstva a biotopy. Jihočeská univerzita, pedagogická fakulta*, pp. 207–213.

TIPULIDAE

JAROSLAV STARÝ

Department of Zoology and Laboratory of Ornithology, Faculty of Science, Palacký University, tř. Svobody 26, CZ–771 46 Olomouc, Czech Republic [stary@prfnw.upol.cz]

Prionocera subsericornis (Zetterstedt, 1851). Bohemia bor., Břežný pond nr. Doksy (5454), 16.v.2006, 1 ♂, 1 ♀, 11.vii.2007, 1 ♂, J. Starý leg., det. et coll. A Holarctic species recorded from Canada and U.S.A. and widely distributed in Palaearctic, ranging from Europe (northern part) to Mongolia and Russian Far East. Also known from Czech Republic (Moravia) and Slovakia. First record from Bohemia.

BOLITOPHILIDAE

JAN ŠEVČÍK

Silesian Museum, Tyršova 1, CZ–746 01 Opava, Czech Republic

Bolitophila nigrolineata Landrock, 1912. Slovakia centr., Poľana Mts (Biosphere Reserve),

Hrončecký grúň National Nature Reserve (7382), 24.5.2005, 1♂, J. Roháček leg., J. Ševčík det. et coll. A rare but widely distributed Palaearctic species. First record from Slovakia.

DITOMYIIDAE

JAN ŠEVČÍK

Silesian Museum, Tyršova 1, CZ–746 01 Opava, Czech Republic

Ditomyia macroptera Winnertz, 1852. Slovakia centr., Poľana Mts (Biosphere Reserve), Hrochoť, Beňova dolina Valley (7382), oak forest, 24.5.–11.7.2007, 1♂, J. Roháček & J. Ševčík leg. (Malaise trap), J. Ševčík det. et coll. A very rare European species, included in the Czech Red list of threatened invertebrates as critically endangered (ŠEVČÍK 2005). First record from Slovakia.

REFERENCES

ŠEVČÍK, J., 2005: Ditomyiidae, p. 250. In: FARKAČ, J., KRÁL, D. & ŠKORPIK, M. (eds): Červený seznam ohrožených druhů České republiky. Bezobratlí. Red list of threatened species in the Czech Republic. Invertebrates. Agentura ochrany přírody a krajiny ČR, Praha.

KEROPLATIDAE

JAN ŠEVČÍK

Silesian Museum, Tyršova 1, CZ–746 01 Opava, Czech Republic

Monocentrotta lundstroemi Edwards, 1925. Slovakia centr., Poľana Mts (Biosphere Reserve), Hrochoť, Beňova dolina Valley (7382), oak forest, 24.5.–11.7.2007, 9♂♂, J. Roháček & J. Ševčík leg. (Malaise trap), J. Ševčík det. et coll. A locally common European species. This is the first record of both the genus and species from Slovakia.

Macrorrhyncha flava Winnertz, 1846. Slovakia centr., Poľana Mts (Biosphere Reserve), Hrochoť, Beňova dolina Valley (7382), oak forest, 24.5.–11.7.2007, 2♂♂, J. Roháček & J. Ševčík leg. (Malaise trap), J. Ševčík det. et coll. An uncommon European species. First record from Slovakia.

Orfelia unicolor (Staeger, 1840). Slovakia centr., Poľana Mts (Biosphere Reserve), Zadná Poľana National Nature Reserve (7382), spruce forest, 3.7.–18.8.2006, 1♂, J. Roháček & J. Ševčík leg. (Malaise trap), J. Ševčík det. et coll. A rare Palaearctic species. First record from Slovakia.

Macrocera longibrachiata Landrock, 1917. Slovakia centr., Poľana Mts (Biosphere Reserve), Lubietovský Vepor National Nature Reserve (7382), 15.7.2005, 1♂, J. Ševčík leg., det. et coll. A very rare species, known from several European countries. First record from Slovakia.

MYCETOPHILIDAE

JAN ŠEVČÍK

Silesian Museum, Tyršova 1, CZ–746 01 Opava, Czech Republic

Neoempheria bimaculata (von Roser, 1840). Slovakia centr., Poľana Mts (Biosphere Reserve), Hrochoť, Beňova dolina Valley (7382), 21.8.2007, 1♂, J. Ševčík leg., det. et coll. A rather rare species, known from many European countries. First record from Slovakia.

Leia cylindrica (Winnertz, 1863). Slovakia centr., Poľana Mts (Biosphere Reserve), Hrochoť, Beňova dolina Valley (7382), oak forest, 24.5.–11.7.2007, 1♂, J. Roháček & J. Ševčík leg. (Malaise trap), J. Ševčík det. et coll. A rare European species. First record from Slovakia.

Neoclastobasis draskovitsae Matile, 1978. Slovakia occ., Považský Inovec Mts, Lúka env., Ihelník Nature Reserve (7373), forest-steppe, 27.9.–4.10.1999, 2♂♂, 1♀, M. Kozánek leg. (Malaise trap), J. Ševčík det. et coll.; Slovakia centr., Poľana Mts (Biosphere Reserve), Hrochoť, Beňova dolina Valley (7382), oak forest, 24.5.–11.7.2007, 1♀, J. Roháček & J. Ševčík leg. (Malaise trap), J. Ševčík det. et coll. A very rare species, hitherto known only from Hungary and Czech Republic. This is the first record of both the genus and species from Slovakia.

Anatella longisetosa Dziedzicki, 1923. Slovakia centr., Poľana Mts (Biosphere Reserve), Kyslinky env., Dolná Zálomná Nature Reserve (7382), 22.8.2007, 1♂, J. Ševčík leg., det. et coll. A rather rare species, known from southern and central Europe. First record from Slovakia.

Cordyla semiflava (Staeger, 1840). Slovakia centr., Poľana Mts (Biosphere Reserve), Hrochoť, Beňova dolina Valley (7382), oak forest, 24.5.–11.7.2007, 1♂, J. Roháček & J. Ševčík leg. (Malaise trap), J. Ševčík det. et coll. A rare Palaearctic species. First record from Slovakia.

Epicypta torquata Matile, 1977. Slovakia centr., Poľana Mts (Biosphere Reserve), Hrochoť, Hrochoťská dolina Valley (7382), 21.8.2007, 1♂, J. Ševčík leg., det. et coll. A very rare species, known from several European countries. First record from Slovakia.

PSYCHODIDAE

JAN JEŽEK¹ & MARKÉTA OMELKOVÁ²

¹ National Museum, Department of Entomology, Kunratice 1, CZ–148 00 Praha 4, Czech Republic [jan_jezek@nm.cz]

² Masaryk University, Faculty of Science, Department of Botany and Zoology, Kotlářská 2, CZ–611 37 Brno, Czech Republic [marketa.omelkova@seznam.cz]

Oomormia andrenipes (Strobl, 1910). CZ, Moravia, Bílé Karpaty Protected Landscape Area, Študlov env. (6874), W of Požár 791.6 m a.s.l., a way damaged by running spring water, veg.: *Picea*, *Betula*, *Petasites*, *Mentha*, *Equisetum*, *Marchantiopsida*, *Pteropsida*, 6.vi.2006, 1♂, collected by sweeping, J. Ježek leg., INS 15329 (NMPC); Valašské Klobouky env. (6874), Bílé Potoky Nature Reserve, slope treeless tufa fen, 25.vi.2006, 1♂, Malaise trap, M. Omelková leg., PCO. Rather rare species known from six European countries (JEŽEK 1994, 2002). In

Czech Republic it is critically endangered species (JEŽEK 2005). New species for Moravia. INS – inventory number of slide deposited in the National Museum in Prague (NMPC); PCO – M. Omelková private collection (alcohol material and slides). The material in this paper was identified by the authors.

Taramormia tatrlica Ježek, 1984. CZ, Moravia, Bílé Karpaty PLA, Čertoryje National Nature Reserve, env. Kněždub (7170), the Járkovec brook, 29.v.2006, 1♂, Malaise trap, P. Chvojka, J. Ježek et J. Macek leg., INS 15306. Till now only two specimens have been found in Slovakia, Tatra Mts (JEŽEK 1984). New species for Czech Republic.

Paramormia (Phyllotelmatoscopus) acuta (Krek, 1971). CZ, Moravia, Bílé Karpaty PLA, Machová Nature Reserve (7171) env. Vrbovce railway station (SK), swamps near the Rybnický potok brook, veg.: *Alnus*, *Crataegus*, *Caltha*, *Equisetum*, *Carex*, 26.vi.2006, 1♂, INS 15321; Bylničky env. Brumov – Bylnice (6974), treeless spring area by the forest edge, small spring protected by a roof, veg.: *Fagus*, *Picea*, *Caltha*, *Myosotis*, Daucaceae, Musci, 23.vi.2005, 1♂, INS 15377. All collected by sweeping, J. Ježek leg. Rare species, known from five European countries (JEŽEK 2004, 2006). New species for Czech Republic.

Telmatoscopus britteni Tonnoir, 1940. CZ, Moravia, Bílé Karpaty PLA, Machová Nature Reserve (7171) env. Vrbovce railway station (SK), swamps near the Rybnický potok brook, veg.: *Alnus*, *Crataegus*, *Caltha*, *Equisetum*, *Carex*, 26.vi.2006, 1♂, INS 15322; Bylničky env. Brumov – Bylnice (6974), the Bylnička brook, veg.: *Sambucus*, *Salix*, *Corylus*, *Alnus*, *Caltha*, *Impatiens*, *Mentha*, *Geranium*, *Urtica*, Daucaceae, 23.vi.2005, 1♂, INS 15396; Hložec (6874) env. Brumov – Bylnice, forest brook, veg.: *Fagus*, *Fraxinus*, *Petasites*, *Caltha*, *Impatiens*, *Carex*, *Equisetum*, Pteropsida, 21.vi.2005, 1♂, INS 15406; the Bylnička brook N of Maděrovce (6974) env. Bylnice, waterlogged spots on a slope, veg.: *Acer*, *Sambucus*, *Mercurialis*, *Asperula*, 23.vi.2005, 1♂, INS 15253; 1 km W of Uhliska 528.6 m a.s.l. nr. Nevšová (6873) env. Slavičín, swamps at the forest's edge, veg.: *Picea*, *Fagus*, *Pinus*, *Scirpus*, *Equisetum*, 22.vi.2005, 1♂, INS 15424. All collected by sweeping, J. Ježek leg. Generally rather rare European species known from several countries (JEŽEK 1997; BERNOTIENÉ 2002; WAGNER 2007). In Czech Republic it is considered endangered (JEŽEK 2005). New species for Moravia.

Philosepedon pragense Ježek, 1997. CZ, Moravia, Bílé Karpaty PLA, between Radějov and Kněždub, Lučina water reservoir (7170), parallel paved drain, veg.: *Sambucus*, *Alnus*, *Crataegus*, *Rubus*, *Petasites*, *Aegopodium*, *Urtica*, 21.ix.2005, 1♂, collected by sweeping, J. Ježek leg., INS 15239. Rare species known only from the original description (Prague, central Bohemia) (JEŽEK 1997). In Czech Republic it is considered vulnerable (JEŽEK 2005). New species for Moravia.

Threticus balkanealpinus Krek, 1972. CZ, Moravia, Bílé Karpaty PLA, Valašské Klobouky env. (6874), Bílé Potoky Nature Reserve, slope treeless tufa fen, 25.vi.2006, 1♂, Malaise trap, M. Omelková leg., PCO. This species is known from Austria, Bosnia, France, Germany, Slovakia and Transcaucasia (JEŽEK 2002, 2004). New species for Czech Republic.

Clytocerus (Boreoclytocerus) tetracorniculatus Wagner, 1977. CZ, Moravia, Bílé Karpaty PLA, Starý Hrozenkov env., Hutě Nature Reserve near Žitková (7073), slope treeless tufa fen, 23.viii.2006, 1♂, Malaise trap, M. Omelková leg., PCO. Very rare species known only from Czech Republic (Bohemia) (JEŽEK 2003), Germany (WAGNER 1977), and Finland (SALMELA 2003). In Czech Republic it is critically endangered species (JEŽEK 2005). New species for Moravia.

Pericoma (Pericoma) exquisita Eaton, 1893. CZ, Moravia, Bílé Karpaty PLA, between villages Bojkovice and Komňa, Bažantnice (6972), small pond and brooks, veg.: *Alnus, Salix, Corylus, Crataegus, Sambucus, Urtica, Stachys, Impatiens, Galium*, 27.vi.2006, 1♂, collected by sweeping, J. Ježek leg., INS 15356; Čertoryje National Nature Reserve env. Kněždub (7170), the Járkovec brook, 29.v.2006, 1♂, Malaise trap, P. Chvojka, J. Ježek et J. Macek leg., INS 15279; Horní Němčí (7071) env. Velká nad Veličkou, pond, veg.: *Crataegus, Populus, Alnus, Cornus, Sambucus, Cerasus, Rubus, Caltha, Leonurus, Arum, Mercurialis*, 28.vi.2006, 1♂, collected by sweeping, J. Ježek leg., INS 15353; Luh, the Okluky brook, veg.: *Crataegus, Alnus, Populus, Sambucus, Cornus, Rubus, Arum, Stachys, Mercurialis*, 28.vi.2006, 1♂, collected by sweeping, J. Ježek leg., INS 15267; Kněždub (7170), Kněždub woodlet, the Kejda pond, veg.: *Alnus, Salix, Sambucus, Rubus, Sparganium, Mentha, Typha, Leonurus, Eupatorium, Aegopodium*, floculated iron, 21.ix.2005, 1♂, collected by sweeping, J. Ježek leg., INS 14182; Sudoměřice (7169) env., the Sudoměřický potok brook, 27.vii.2005, 1♂, collected by sweeping, P. Chvojka leg., INS 15343; Vlárský průsmyk (6974), the Vlára river, 24.vii.2005, 1♂, collected by sweeping, P. Chvojka leg., INS 15344. Species known from many European countries and also from North Africa and Transcaucasus (JEŽEK 2004). In Czech Republic it is considered endangered (JEŽEK 2005). New species for Moravia.

Pericoma (Pericoma) ljubiniensis Krek, 1969. CZ, Moravia, Bílé Karpaty PLA, Bylničky env. Brumov – Bylnice (6974), treeless spring at the forest's edge, small spring protected by a roof, veg.: *Fagus, Picea, Caltha, Myosotis*, 23.vi.2005, 1♂, collected by sweeping, J. Ježek leg., INS 15354. Known only from the original description from Bosnia (KREK, 1969a), new species for Czech Republic.

Pericoma (Pericoma) pallida Vaillant, 1978. CZ, Moravia, Bílé Karpaty PLA, Hrubý Mechnáč (7072) env. Lopeník, slope treeless tufa fen, veg.: group of trees of *Betula*, 25.vi. and 23.viii.2006, 2♂♂, Malaise trap, M. Omelková leg., PCO. Very rare species known only from the original description from Spain (VAILLANT 1978). New species for Czech Republic.

Pericoma (Pericoma) pannonica Szabó, 1960. CZ, Moravia, Bílé Karpaty PLA, Horní Němčí (7071) env. Velká nad Veličkou, Luh, the Okluky brook, veg.: *Crataegus, Alnus, Populus, Sambucus, Cornus, Rubus, Arum, Stachys, Mercurialis*, 28.vi.2006, 1♂, collected by sweeping, J. Ježek leg., INS 15266. Rare species known from six European countries (WAGNER 2007). New species for Czech Republic.

Pericoma (Pericoma) vestita Vaillant & Withers, 1993. CZ, Moravia, Bílé Karpaty PLA, Bylničky env. Brumov – Bylnice (6974), the Bylnička brook, veg.: *Sambucus, Salix, Corylus, Alnus, Caltha, Impatiens, Mentha, Geranium, Urtica*, Daucaceae, 23.vi.2005, 1♂, INS 15342; Lazy Nature Reserve env. Pláňava 597.8 m a.s.l. (6974) env. Bylnice, small forest brook, veg.: *Tilia, Sambucus, Cerasus, Salix, Rubus, Caltha, Urtica, Aegopodium*, 23.vi.2005, 1♂, INS 15250. All collected by sweeping, J. Ježek leg. Known only from France (VAILLANT & WITHERS 1993) and Germany (JEŽEK & SCHACHT 2006). New species for Czech Republic.

Pneumia compta (Eaton, 1893). CZ, Moravia, Bílé Karpaty PLA, between villages Radějov and Kněždub, Lučina water reservoir (7170), parallel paved drain, veg.: *Sambucus, Alnus, Crataegus, Rubus, Petasites, Aegopodium, Urtica*, 21.ix.2005, 1♂, INS 15244; Radějov env., Traviska (7170), between Lučina water reservoir and the Kejda pond, the Radějovka brook, cottages, veg.: *Carpinus, Fraxinus, Acer, Pirus, Prunus, Urtica*, 21.ix.2005, 1♂, INS

15337. All collected by sweeping, J. Ježek leg. Rare species known from Austria, Belgium, Denmark, Germany, Great Britain, Ireland, Italy, and the Netherlands (JEŽEK 2004; WAGNER 2007). New species for Czech Republic.

Pneumia tjetistensis (Krek, 1969). CZ, Moravia, Bílé Karpaty PLA, Bylničky env. Bru-mov – Bylnice (6974), treeless spring at the forest's edge, small spring protected by a roof, veg.: *Fagus*, *Picea*, *Caltha*, *Myosotis*, 23.vi.2005, 1♂, collected by sweeping, J. Ježek leg., INS 15355. Known only from the original description from Bosnia and Herzegovina (KREK 1969b). New species for Czech Republic.

ACKNOWLEDGEMENTS

We are obliged to O. Konvička from the Management of the Bílé Karpaty Protected Landscape Area (Luháčovice) and M. Janík (Kosenka ČSOP, Valašské Klobouky) for their help during our field work. Thanks are due to J. Bojková for her comments on the manuscript. This study was supported by the grant of the Ministry of Culture of Czech Republic MK00002327201 and research plan MSM 002162241.

REFERENCES

- BERNOTIENĚ, R., 2002: *Ekologija (Vilnius)*, **2**: 4–8.
JEŽEK, J., 1984: *Acta Ent. Bohemoslov.*, **81**: 223–231.
JEŽEK, J., 1994: *Čas. Nár. Muz., Ř. přírodov.*, **162**: 63–66.
JEŽEK, J., 1997: *Acta ent. Mus. Nat. Pragae*, **44** (1995): 125–165.
JEŽEK, J., 2002: *Čas. Nár. Muz., Ř. přírodov.*, **171**: 89–116.
JEŽEK, J., 2003: *Čas. Nár. Muz., Ř. přírodov.*, **172**: 121–132.
JEŽEK, J., 2004: *Folia Fac. Sci. Nat. Univ. Masaryk. Brun., Biologia*, **109**: 141–151.
JEŽEK, J., 2005: Psychodidae (koutuloviti), pp. 259–261. In: FARKAČ J., KRÁL D. & ŠKORPIK M. (eds): Red list of threatened species in the Czech Republic. Invertebrates. *Agentura ochrany přírody a krajiny ČR, Praha*, 760 pp.
JEŽEK, J., 2006: *Ent. carpat.*, **18**: 34–36.
JEŽEK, J. & SCHACHT, W., 2006: *Entomofauna*, **27** (34): 413–420.
KREK, S., 1969a: *Zeitschr. Arb. österr. Entom.*, **19**: 70–75.
KREK, S., 1969b: *Boll. Assoc. Rom. Ent.*, **24**: 62–66.
SALMELA, J., 2003: *Studia dipt.*, **10**: 143–152.
VAILLANT, F., 1978: 9d. Psychodidae – Psychodinae. In: LINDNER, E. (ed.): Die Fliegen der palaearktischen Region, *Stuttgart*, **317**: 207–238.
VAILLANT, F. & WITHERS, P., 1993: *Bull. Soc. Ent. Suisse*, **66**: 99–112.
WAGNER, R., 1977: *Senckenberg. Biol.*, **58**: 157–170.
WAGNER, R., 1990: Family Psychodidae, p. 11–65. In: SOÓS, A. (ed.): Catalogue of Palaearctic Diptera, Vol. 2, Psychodidae – Chironomidae. *Akadémiai Kiadó, Budapest*, 499 pp.
WAGNER, R., 2007: Psychodidae. In: JONG, H., de (ed.), *Fauna Europea: Diptera Nematocera*. Version 1.2. On line: <http://www.faunaeur.org>. (Last update: 19.iv.2007).

DIXIDAE

JAN ŠEVČÍK

Silesian Museum, Tyršova 1, CZ–746 01 Opava, Czech Republic

Dixella aestivalis (Meigen, 1818). Slovakia centr., Poľana Mts (Biosphere Reserve), Hronček env., Hrončeké rybníky ponds (7383), 5.7.2006, 3♂♂, 4♀♀, J. Ševčík leg., det. et coll. A relatively common species. The previous record from Slovakia was based only on larvae (see

ŠEVČÍK & HALGOŠ 2006). Occurrence confirmed in Slovakia.

Dixella hyperborea (Bergroth, 1889). Czech Republic, Moravia & Silesia, Hrubý Jeseník Mts, Velká Kotlina glacial cirque (5969), 1150–1200 m, 26.6.–25.7.2006, 1♂, 1♀, J. Roháček & J. Ševčík leg. (Malaise trap), J. Ševčík det. et coll. A very rare mountain species, hitherto known from Germany, Finland and Slovakia. First record from Czech Republic.

REFERENCES

ŠEVČÍK, J. & HALGOŠ, J., 2006: Dixidae Schiner, 1868. In: JEDLIČKA, L., STLOUKALOVÁ, V. & KÚDELA, M. (eds): Checklist of Diptera of the Czech Republic and Slovakia. Electronic version 1. <http://zoology.fns.uniba.sk/diptera> + CD-ROM: ISBN 80-969629-0-6.

BOMBYLIIDAE

ALOIS ČELECHOVSKÝ

Department of Zoology and Laboratory of Ornithology, Faculty of Science, Palacký University, tř. Svobody 26, CZ-771 46 Olomouc, Czech Republic [celechov@prfnw.upol.cz]

Exoprosopa minos (Meigen, 1804). Moravia mer., Bzenec – přívoz, Váté písky National Nature Monument (7069), 6.viii.2007, 17♂, 8♀, A. Čelechovský leg., det. et coll. Distribution: South and Central Europe, North Africa, Near East, Middle Asia, East Palaearctic. Also known from Slovakia. First record from Czech Republic.

EMPIDIDAE

MIROSLAV BARTÁK

Czech University of Life Sciences, Faculty of Agrobiolgy, Food and Natural Resources, Department of Zoology and Fishery, 165 21 Praha 6 – Suchbát, Czech Republic [bartak@af.czu.cz]

Rhamphomyia (Pararhamphomyia) plumifera Zetterstedt, 1838. Moravia bor., Jeseníky, Velká Kotlina [5969a], 50°3'16''N, 17°14'15''E, 1180 m, 9.–26.vi.2006, Malaise trap, 15♂, 10♀, J. Ševčík et J. Roháček leg., coll. Silesian Museum, Opava and Czech University of Life Sciences, Prague. The species is known to occur in North Europe (Sweden, Norway, Finland, North European part of Russia), several scattered records are from Central Europe (Poland, Germany, Austria) (CHVÁLA 2004). First record from Czech Republic.

ACKNOWLEDGEMENTS

This paper was supported by IRP MSM 6046070901 and NAZV project QH72151 (MZVŽ).

REFERENCES

CHVÁLA M., 2004: Empididae. In: PAPE T. (ed.), Fauna Europaea: Diptera, Flies. Fauna Europaea version 1.1, <http://www.faunaeur.org>.

PLATYPEZIDAE

JINDŘICH ROHÁČEK & JAN ŠEVČÍK

Silesian Museum, Tyršova 1, CZ-746 01 Opava, Czech Republic

Microsania collarti Chandler, 2001. Czech Republic, Bohemia mer. occ., Šumava Mts, Horská Kvilda – Jezerní slat' (mire) env. (6947), swarming in smoke of forest bonfire, 6.viii.1996, 3♂, J. Roháček leg.; Czech Republic, Moravia sept., Hrubý Jeseník Mts, peat-bog Skřítek (6069), sweeping over peat-bog meadow, 19.vii.1977, 1♀, J. Roháček leg.; Czech Republic, Moravia sept., Chvalíkovice env. (distr. Opava) (6173), swarming in smoke, 8.ix.1993, 1♂, J. Roháček leg. Slovak Republic, Slovakia centr., Kremnické vrchy Mts, Turček env. (7279), 850 m, on window, 23.–24.vi.1979, 2♀, J. Roháček leg.; Slovak Republic, Slovakia centr., Poľana Mts (Biosphere Reserve), Hrochoťská dolina (valley), Kyslinky (7382), 48°39'N, 19°27'E, 750 m, swarming in smoke of forest bonfire, 22.viii.2007, 2♂; J. Roháček leg., all J. Roháček & J. Ševčík det., Silesian Museum, Opava coll. This uncommon species has been known from England, Belgium, Czech Republic, Slovakia and (?) European Russia (CHANDLER 2001). In Czech Republic it has only been recorded from Moravia (VAŇHARA 2006). The species is here reported from Bohemia and from northern Moravia (Silesia) for the first time. There is only one previous finding in Slovakia: VAŇHARA (1981, as *M. collarti* Chandler, in litt. = *M. stigmatalis* Zett. sensu Collart) recorded it from Tatranská Kotlina and this record was since only repeated or quoted, see VAŇHARA (1986, as *M. stigmatalis* Zetterstedt sensu Collart) and CHANDLER (2001). For unknown reason this reliable Slovakian record was deleted from checklists published by VAŇHARA (1995, 1997) but it reappeared in its most recent version (VAŇHARA 2006). Moreover, the species is listed as absent in Czech Republic and Slovakia in the Fauna Europaea (CHANDLER 2007). The above records confirmed the occurrence of the species in Slovakia.

Microsania vrydaghi Collart, 1954. Slovak Republic, Slovakia centr., Poľana Mts (Biosphere Reserve), Hrochoťská dolina (valley), Kyslinky (7382), 48°39'N, 19°27'E, 750 m, swarming in smoke of forest bonfire, 22.viii.2007, 1♂; J. Roháček leg., J. Roháček & J. Ševčík det., Silesian Museum, Opava coll. Another rare species, hitherto only known from Belgium, Sweden, Switzerland and Greece (CHANDLER 2001) and Great Britain (CHANDLER 2007, but the record from Greece is omitted in the Fauna Europaea database). The male recorded here was netted together with 2 above males of *M. collarti* and with a long series of *M. pictipennis* (Meigen, 1830) (49 males, 3 females) in the evening in the smoke of three bonfires situated at the margin of a beech forest. First record from Slovakia.

Lindneromyia hungarica Chandler, 2001. Slovak Republic, Slovakia centr., Poľana Mts (Biosphere Reserve), Hrochoťská dolina (valley) (7382), ex *Agaricus* sp., larvae collected 21.viii.2007, hatched 11.–29.ix.2007, 3♂ 2♀, 2 puparia; J. Ševčík leg. and coll.; Slovakia or., Slovenský kras, Drienovec env. (7391), sweeping undergrowth of wood, 9.ix.1980, 1♀, J. Roháček leg., Silesian Museum Opava coll., all J. Ševčík and J. Roháček det. A recently separated species from the common *L. dorsalis* (Meigen, 1804), hitherto known from France, Germany, Austria, Spain, Switzerland and Czech Republic (CHANDLER 2001, TKOČ & VAŇHARA 2006). First records from Slovakia.

REFERENCES

CHANDLER, P. J., 2001: The Flat-footed Flies (Diptera: Opetiidae and Platypezidae) of Europe. Fauna

entomologica scandinavica, Vol. 36, 276 pp., Brill, Leiden – Boston – Köln.

- CHANDLER, P. J., 2007: Fauna Europaea: Platypezidae. In: PAPE, T. (ed.): Fauna Europaea: Diptera, Brachycera. Fauna Europaea version 1.3, <http://www.faunaeur.org>.
- TKOČ, M. & VAŇHARA, J., 2006: *Entomofauna carpathica*, **18**: 36.
- VAŇHARA, J., 1981: *Biológia (Bratislava)*, **36**(11): 1049–1055.
- VAŇHARA, J., 1986: Platypezidae, pp. 34–36. In: ČEPELÁK, J. (ed.): Diptera Slovenska II, *Veda, Bratislava*.
- VAŇHARA, J., 1995: *Čas. Slez. Muz. Opava (A)*, **44**: 43–61.
- VAŇHARA, J., 1997: Platypezidae, pp. 57–58. In: CHVÁLA, M. (ed.): Check List of Diptera (Insecta) of the Czech and Slovak Republics, *Karolinum – Charles University Press, Prague*.
- VAŇHARA, J., 2006: Platypezidae Fallén, 1815. In: JEDLIČKA, L., STLOUKALOVÁ, V. & KÚDELA, M. (eds): Checklist of Diptera of the Czech Republic and Slovakia. Electronic version 1. <http://zoology.fns.uniba.sk/diptera> + CD-ROM: ISBN 80-969629-0-6.

SYRPHIDAE

ADRIANNA KRÁLIKOVÁ

Katedra environmentalistiky a zoologie, SPU v Nitre, Tr. A. Hlinku 2, 949 76 Nitra

Lejops vittata (Meigen, 1822). Slovakia: The National Nature Reserve of the Parížske močiare (NNR), the Ramsar Site (8177): Locality 1. – reed-beds, northern part of the NNR (catching of hoverflies in 2000), locality 2. – reed-beds, southern part of NNR (catching of hoverflies in 2001), 120 – 125m above sea level, 24.5.2000, 8♂, 12♀, 31.5.2000, 11♂, 16♀, 7.6.2000, 14♂, 21♀, 14.6.2000, 1♂, 21.6.2000, 11♂10♀, 28.6.2000, 3♂, 5.7.2000, 3♂6♀, 12.7.2000, 2♂2♀, 19.7.2000, 1♂1♀, 26.7.2000, 2♂, leg., det et coll. A. Králiková, 4.6.2001, 47♂51♀, 11.6.2001, 19♂18♀, 18.6.2001, 4♂7♀, 24.6.2001, 3♂2♀, 1.7.2001, 1♂2♀, 16.7.2001, 1♂, 30.7.2001, 1♀, leg., det et coll. A. Králiková. The species is known only from one locality in Slovakia (Šúr) (ČEPELÁK 1986). It belongs to the category of critically endangered species in the Red list of threatened species in Czech Republic – Invertebrates (MAZÁNEK & BARTÁK 2005). In Czech Republic the species occurs in the Pálava Biosfere Reserve of UNESCO (LÁSKA & MAZÁNEK 1998). In the Red list of threatened animals in Poland the species has been assessed as probably extinct (EX?) (PALACZYK et al. 2002).

REFERENCES

- ČEPELÁK, J., 1986: Diptera of Slovakia II. *Veda, Bratislava*, 435 pp.
- LÁSKA, P. & MAZÁNEK, L., 1998: Syrphidae. In: ROZKOŠNÝ R & VAŇHARA J. (eds), Diptera of the Pálava Biosfere Reserve of UNESCO, I. *Folia Fac. Sci. Nat. Univ. Masaryk. Brun. Biol.*, **99**: 203–213.
- MAZÁNEK, L. & BARTÁK, M., 2005: Syrphidae (pestřenkovití), pp. 300–303. In: FARKAČ, J., KRÁL, D. & ŠKORPÍK, M. (eds): Red list of threatened species in the Czech Republic Invertebrates. *Agentura ochrany přírody a krajiny ČR, Praha*.
- PALACZYK, A., SOSZYŃSKI, B., KLASA, A., BYSTROWSKI C., MIKOLAJCZYK, W. & KREMINSKI, W., 2002. Diptera, Muchovki, pp. 38–44. In GŁOWACIŃSKI, Z. (ed.), Makomaska-Juchiewicz, M. & Polczynska-Konior, G (as. eds): Red list of threatened animals in Poland. Polish academy of Sciences. *Institute of Nature Conservation PAN, Krakow*.

SEPSIDAE

JÍŘÍ PREISLER¹ & MIROSLAV BARTÁK²

¹ Vlnařská 692, 460 01 Liberec 6, Czech Republic [preisler.blb@seznam.cz]

² Czech University of Life Sciences, Faculty of Agrobiological Sciences, Food and Natural Resources, Department of Zoology and Fishery, 165 21 Praha 6 – Suchbátka, Czech Republic [bartak@af.czu.cz]

Themira gracilis (Zetterstedt, 1847). Bohemia bor., Frýdlantská pahorkatina hills, Ludvíkov pod Smrkem (5057), 50°54'53"N/15°11'12"E, 400 m a.s.l., small deciduous forest with brook between pastures, 20.vi.2006, 1 ♂, sweeping, leg., det. et coll. J. Preisler, rev. M. Barták. Little known but broadly distributed Palaearctic species. European records are scattered throughout the whole central belt from Scandinavia to Northern Italy and from Great Britain to the Ukraine. For more details see PONT & MEIER (2002). This record represents the first reliable record from Czech Republic and it raises the total number of known Czech species of the family Sepsidae to 29 (BARTÁK 2006).

ACKNOWLEDGEMENTS

This paper was supported by IRP MSM 6046070901 and NAZV project QH72151 (MZVŽ).

REFERENCES

- BARTÁK, M., 2006: Sepsidae. In: JEDLIČKA, L., STLOUKALOVÁ, V. & KÚDELA, M. (eds): Check-list of Diptera of the Czech Republic and Slovakia. <http://zoology.fns.uniba.sk/diptera>.
- PONT, A. C. & MEIER, R., 2002: The Sepsidae (Diptera) of Europe. *Fauna Entomologica Scandinavica*, Vol. 37, 220 pp.

ACARTOPHTHALMIDAE

JINDŘICH ROHÁČEK

Silesian Museum, Tyršova 1, CZ-746 01 Opava, Czech Republic

Acartophthalmus pusio Frey, 1947. Czech Republic: Bohemia sept., Doksy – Břeheňský rybník (pond) env. (5454), sweeping over meadow, 16.v.2006, 1 ♂, J. Roháček leg. et det., Silesian Museum, Opava coll. A species of unknown biology, rarely collected in Central Europe. From Slovakia (Poľana Biosphere Reserve) it has been recorded only recently (see ROHÁČEK 2001 and MARTINOVSKÝ et al. 2006). First record from Czech Republic.

REFERENCES

- MARTINOVSKÝ, J., ROHÁČEK, J., STARÝ, J., ŠEVČÍK, J. & VÁLA, M., 2006: pp. 84–94. In: SLÁVIKOVÁ, D. (ed.): Biosférická rezervácia Poľana po pätnástich rokoch. *Technická univerzita, Zvolen*.
- ROHÁČEK, J., 2001: *Acta Univ. Carol., Biol.*, **45**: 193.

SPHAEROCERIDAE

JINDŘICH ROHÁČEK

Silesian Museum, Tyršova 1, CZ-746 01 Opava, Czech Republic

Crumomyia pruinosa (Richards, 1932). Czech Republic: Moravia sept., Hrubý Jeseník Mts – Velká kotlina, glacial cirque (5969), Malaise trap, 27.ix.–25.x.2004, 1 ♂, J. Roháček & J. Ševčík leg., J. Roháček det., Silesian Museum, Opava coll. An arcto-alpine circumboreal

species, very rare in montane ranges of Central Europe. There is only one previous record from Moravia based on a finding of a single male in the Velká kotlina cirque in the H. Jeseník Mts in 1978 (NORRBOM & KIM 1985, ROHÁČEK 1991). The above new finding of an additional male confirmed the occurrence of the species in Moravia.

Crumomyia setitibialis (Spuler, 1925). Czech Republic: Moravia sept., Hrubý Jeseník Mts – Velká kotlina, glacial cirque (5969), Malaise trap 2, 1182 m, 4.ix.–24.xi.2006, 2♂ 2♀, J. Roháček & J. Ševčík leg., J. Roháček det., Silesian Museum, Opava coll. A circumboreal arcto-alpine species having an insular distribution in alpine zones of several high mountains in temperate zones of North America and Europe or in caves (France, Slovakia), see ROHÁČEK et al. (2001). It has been recently also recorded from Czech Republic (Bohemia: Šumava Mts – Boubín, see ROHÁČEK 2006). The above record (first from Moravia) originate from the lowest known altitude apart from cavernicolous populations.

Crumomyia zuskai (Roháček, 1976). Czech Republic: Moravia sept., Hrubý Jeseník Mts – Velká kotlina, glacial cirque (5969), soil traps No.1–3, 7.vii.1995, 5♂, soil trap No. 5, 27.vii.1995, 1♂, V. Kavalcová leg.; same locality, Malaise trap 1, 1123 m, 9.–26.vi.2006, 2♂, Malaise trap 2, 1182 m, 26.vi.–25.vii.2006, 2♂, same trap, 4.ix.–24.xi.2006, 1♀, J. Roháček & J. Ševčík leg., J. Roháček det., all Silesian Museum, Opava coll. A very rare alpine species, known from a few records from several high mountains in Europe (Austria, Bulgaria, Czech Republic, France, Slovakia, Spain, Switzerland – ROHÁČEK et al. 2001). In Czech Republic, only 2 males were formerly found (the holotype in Krkonoše Mts – Kotelné jámy and an additional male in the Hrubý Jeseník Mts – Velká kotlina – see ROHÁČEK 1976, 1991). The above new findings from 1995 and 2006 indicate a prosperous population in the Velká kotlina glacial cirque.

REFERENCES

- NORRBOM, A. L. & KIM, K. C., 1985: *Syst. Entomol.*, **10**: 167–225.
ROHÁČEK, J., 1976: *Acta Entomol. Bohemoslov.*, **73**: 113–122.
ROHÁČEK, J., 1991: *Čas. Sleš. Muz. Opava (A)*, **40**: 1–27.
ROHÁČEK, J., 2006: *Acta Univ. Carol., Biol.*, **50**: 155–156.
ROHÁČEK, J., MARSHALL, S. A., NORRBOM, A. L., BUCK, M., QUIROS, D. I. & SMITH, I., 2001: World catalog of Sphaeroceridae (Diptera), Slezské zemské muzeum, Opava, 414 pp.

DROSOPHILIDAE

JAN ŠEVČÍK¹ & JAN MÁČA²

¹ Silesian Museum, Tyršova 1, CZ–746 01 Opava, Czech Republic

² Czech Agency for Nature & Landscape Conservation, Nám. Přemysla Otakara II. 34, CZ–370 01 České Budějovice, Czech Republic

Hirtodrosophila oldenbergi (Duda, 1924). Czech Republic, Silesia, Karviná – Doly, mine dump near Mokroš tailing pond, 24.vi.2007, 6♂♂, 1♀; J. Ševčík leg., J. Máča & J. Ševčík det. & coll., reared from *Auricularia auricula-judae* (Fr.) Quéf. A rare species, hitherto known from Austria, Switzerland, Germany, Hungary, Romania, European Russia, Slovenia and Slovakia (BÄCHLI 2007, MÁČA 2006). The biology of larvae previously unknown, but the closely related *H. lundstroemi* (Duda, 1935) has been repeatedly reared from the same fungus (cf. ŠEVČÍK 2006). First record from Czech Republic.

REFERENCES

- BÄCHLI, G., 2007: Fauna Europaea: Drosophilidae. In PAPE T. (ed.): Fauna Europaea: Diptera, Brachycera. Fauna Europaea version 1.3, <http://www.faunaeur.org>.
- MÁČA J., 2006: Drosophilidae Rondani, 1856. In: JEDLIČKA L., STLOUKALOVÁ V. & KÚDELA M. (eds): Checklist of Diptera of the Czech Republic and Slovakia. Electronic version 1. <http://zoology.fns.uniba.sk/diptera> + CD-ROM: ISBN 80-969629-0-6.
- ŠEVČÍK J., 2006: Diptera associated with fungi in the Czech and Slovak Republics. *Čas. Slez. Muz., Opava (A)*, **Suppl. 2**, **55**: 1–84.

Accepted 20 December 2007

Printed 28 December 2007