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Faunistic records for the Czech Republic and Slovakia (Hymenoptera: Ichneumonidae)

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A b s t r a c t : New faunistic records of the family Ichneumonidae for the Czech Republic and Slovakia are reported from the collection of the Biologiezentrum at Linz (Austria). Altogether 46 new species for these countries or for Bohemia or Moravia are presented; 33 species for the Czech Republic or for Bohemia or Moravia and 21 species for Slovakia.

K e y w o r d s : Ichneumonidae, faunistic, Czech Republic, Slovakia.

Introduction

The family Ichneumonidae belongs to low intensively studied groups of insect in the Czech Republic and Slovakia. In the past, only 5 people were working on this large family in both countries and the first checklist was compiled by ŠEDIVÝ (1989) at the end of the last century. ŠEDIVÝ (1989) assumed that the number of species may be at least ¼ larger than was listed in his checklist. Since that time, a lot of new species were added to the list of species known from the Czech Republic and Slovakia (e.g. ZEMAN 2001, ZEMAN & MOCEK 2006) and we continue with this research.

Material and methods

All identified species of the family Ichneumonidae deposited in the collection of the Biologiezentrum at Linz/Austria were checked according a new version of checklist (HOLÝ et al. – in prep). The faunistic data of all specimens of species not recorded before from the Czech Republic and Slovakia are presented in this paper.

For the faunistic purpose, the Czech Republic is traditionally divided into two parts – western Bohemia and eastern Moravia, so we present also new faunistic records for these two parts.

Faunistic data are listed in the following order: country or province, locality, code number in parentheses referring to the Central European grid for mapping flora and fauna (NOVÁK 1989), date of collecting, number and sex of specimens, collector and identifier.

Results and discussion

Subfamily C a m p o p l e g i n a e

Dusona temnator HINZ & HORSTMANN, 2004 – new record for Slovakia

M a t e r i a l : Slovakia: Kráľovský Chlmec (7597), 25.vii.1969, 1 ♀, lgt. Z. Pádr, det. K. Horstmann.

Nemeritis fallax (GRAVENHORST, 1829) – new record for Slovakia

M a t e r i a l : Slovakia: Štúrovo (8277), 7.vi.1965, 1 ♀, lgt. M. Kocourek, det. M. Schwarz.

Subfamily C r y p t i n a e

Aconias tarsatus (BRIDGMAN, 1881) – new record for Slovakia

M a t e r i a l : Slovakia: Zádiel (7390-91), 9.vii.1975, 1 ♀, lgt. Z. Pádr, det. M. Schwarz.

Apsilops aquaticus (THOMSON, 1874) – new record for Slovakia

M a t e r i a l : Slovakia: Štúrovo (8277), vi.1967, 1 ♀, lgt. M. Kocourek, det. M. Schwarz.

Aritranis nigrifemur (SZÉPLIGETI, 1916) – new record for Moravia

M a t e r i a l : Moravia: Pouzdřany (7065), 4.vi.1978, 1 ♀, lgt. M. Kocourek, det. M. Schwarz.

In the Czech Republic hitherto known only from Bohemia (ZEMAN & MOCEK 2014).

Aritranis occisor (GRAVENHORST, 1829)

M a t e r i a l : Moravia: Pouzdřany (7065), 3.vi.1978, 1 ♂, lgt. M. Kocourek, det. M. Schwarz.

SCHWARZ (2005) published first record for the Czech Republic without listing the data. Here first precise locality for Moravia is mentioned.

Cryptus minor GRAVENHORST, 1829 - new record for Moravia

M a t e r i a l : Moravia: Havraníky, 48°49'N, 15°59'E (7161), 320 m, 7.vii.2014, 1 ♀, lgt. M. Halada; Znojmo, Ječmeniště (7262), 48°45'N, 16°09'E, 250 m, 9.vii.2013, 1 ♂, lgt. Z. Haladová, both det. M. Schwarz.

In the Czech Republic hitherto known only from Bohemia (ŠEDIVÝ 1989).

Cryptus obscuripes ZETTERSTEDT, 1838

M a t e r i a l : Bohemia: České Žleby, Mrtvý luh reserv. (7149), 5.vii.1988, 1 ♀, lgt. V. Barták, det. M. Schwarz.

SCHWARZ (2015) published first record for the Czech Republic without listing the data. Here first precise locality for Bohemia is mentioned.

***Cryptus titubator* (THUNBERG, 1824)**

M a t e r i a l : Moravia: Lhota u Pačlavic (6768), 1.vi.1993, 3 ♂ ♂, lgt. K. Deneš, det. M. Schwarz.
 SCHWARZ (2015) published first record for the Czech Republic without listing the data.
 Here first precise locality for Moravia is mentioned.

***Cryptus tuberculatus* GRAVENHORST, 1829 - new record for Moravia**

M a t e r i a l : Moravia: Dolenice, 5 km SE of Miroslav, 48°54'N, 16°21'E (7064), 230 m, 13-22.vii.2004, 1 ♂, lgt. M. Řiha, det. M. Schwarz.
 In the Czech Republic hitherto known only from Bohemia (ZEMAN 2003).

***Enclisis alpicola* (HABERMEHL, 1926) – new record for the Czech Republic**

M a t e r i a l : Bohemia: Chlum u Třeboně (7055), iv.1994, 1 ♂, lgt. M. Halada, det. M. Schwarz.

***Gambrus bipunctatus* (TSCHEK, 1872) – new records for the Czech Republic and Slovakia**

M a t e r i a l : Bohemia: Majdalena (7055), 15.v.1992, 1 ♂, lgt. K. Deneš, det. M. Schwarz. Slovakia: Štúrovo (8277), 24.iv.1991, 1 ♂, lgt. Barták, det. M. Schwarz.

***Gelis caudator* HORSTMANN, 1986 – new record for the Czech Republic**

M a t e r i a l : Bohemia: Chlum u Třeboně (7055), 26.iii.1991, 1 ♀, leg. M. Halada, det. M. Schwarz.

***Gelis cursitans* (FABRICIUS, 1775) – new record for Slovakia**

M a t e r i a l : Slovakia: Čajkov (7777), 1.viii.1961, 1 ♀, lgt. M. Kocourek, det. M. Schwarz.

***Gelis fumipennis* HORSTMANN, 1986 – new record for the Czech Republic**

M a t e r i a l : Moravia: Kobyly (7067), 15.viii.1981, 1 ♀, lgt. Kocourek, det. M. Schwarz.

***Hemiteles maricesca* SCHWARZ & SHAW, 2000 – new record for the Czech Republic**

M a t e r i a l : Bohemia: České Budějovice, 48°58'N, 14°53'E (7055), 440 m, vii.2009, 1 ♀, viii.2009, 1 ♀, lgt. M. & Z. Halada, both det. M. Schwarz.

***Hidryta fusiventris* (THOMSON, 1873) – new records for Bohemia and Slovakia**

M a t e r i a l : Bohemia: České Budějovice (69-7052-53), 3.vii.2002, 1 ♂, lgt. M. Halada; 22-27.vi.2008, 1 ♀, lgt. T. Halada; České Budějovice, Švábův Hrádek (7052), YT, 11.vii.2002, 1 ♀, lgt. J. Olejníček; 20 km SW České Budějovice, Dehtář pond (6951), 13.vii.2003, 1 ♀, lgt. M. Halada; 2 km W České Budějovice, 49°00'N, 14°30'E (7053), 420 m, 26.vii.2011, 1 ♂, lgt. J. Halada; Praha, Prokopské údolí (5952), 2-3.v.2002, 1 ♂, lgt. J. Halada, all det. M. Schwarz.
Slovakia: Chotín (8174), 26.vii.1993, 1 ♂, lgt. M. Halada, det. M. Schwarz.

In the Czech Republic hitherto known only from Moravia (ŠEDIVÝ 1989).

***Hidryta simplex* (TSCHEK, 1871) – new records for the Czech Republic and Slovakia**

M a t e r i a l : Bohemia: Český Krumlov, Vyšný (7151), 13.vi.2007, 1 ♂, lgt. M. & Z. Halada, det. M. Schwarz. Slovakia: Hegyfárok (8177), 25.v.2002, 1 ♂, lgt. A. Mikyška, det. M. Schwarz.

***Hoplocryptus heliophilus* (TSCHEK, 1871) – new record for Moravia**

M a t e r i a l : Moravia: Hnízdo, Ječmeniště (7262), 24.v.2003, 1 ♀, lgt. M. Halada, det. M. Schwarz.
In the Czech Republic hitherto known only from Bohemia (ŠEDIVÝ 1989).

***Hoplocryptus quadriguttatus* (GRAVENHORST, 1829) – new record for Moravia**

M a t e r i a l : Moravia: Kravsko (7061), v.1984, 1 ♂, lgt. M. Kocourek, det. M. Schwarz.
In the Czech Republic hitherto known only from Bohemia (ZEMAN & MOCEK 2006).

***Idiolispa analis* (GRAVENHORST, 1807) – new records for Moravia and Slovakia**

M a t e r i a l : Moravia: Kobylí (7067), 11.vi.1966, 1 ♀, lgt. M. Kocourek; Lhota u Pačlavic (6768), 11.vii.1999, 1 ♀, lgt. K. Deneš, both det. M. Schwarz. Slovakia: Malacky, env. (7568), 7.vii.1995, 1 ♀, lgt. K. Deneš; Somotor (7696), vii.1962, 1 ♀, lgt. M. Kocourek; Zádiel (7390-91), 9.vii.1975, 1 ♀, lgt. Z. Pádr, all det. M. Schwarz.

In the Czech Republic hitherto known only from Bohemia (ŠEDIVÝ 1989).

***Idiolispa hungarica* (SZÉPLIGETI, 1916) – new records for the Czech Republic and Slovakia**

M a t e r i a l : Moravia: Kobylí (7067), 1.vi.1970, 1 ♂, lgt. M. Kocourek; Pavlov, Pavlovské kopce (7165), 15.vi.1996, 1 ♀, lgt. B. Tkalců, both det. M. Schwarz. Slovakia: Ubľa (7000), 22.vi.1996, 1 ♀, lgt. Urban; Štúrovo (8277), vi.1965, 1 ♀, 1 ♂, lgt. M. Kocourek, all det. M. Schwarz.

***Isadelphus armatus* (GRAVENHORST, 1829) – new record for Moravia**

M a t e r i a l : Moravia: Pouzdřany (7065), 3.vi.1978, 1 ♀, lgt. M. Kocourek, det. M. Schwarz.
In the Czech Republic hitherto known only from Bohemia (ŠEDIVÝ 1989).

***Listrocryptus spatulatus* BRAUNS, 1905 – new record for the Czech Republic**

M a t e r i a l : Moravia: Lhota u Pačlavic (6768), 11.vi.1993, 1 ♂, lgt. K. Deneš; Pouzdřany (7065), 9.vi.1959, 1 ♀, lgt. M. Kocourek, both det. M. Schwarz.

***Listrognathus furax* (TSCHEK, 1871) – new records for the Czech Republic and Slovakia**

M a t e r i a l : Bohemia: Český Krumlov (7151), 2.v.2000, 3 ♂ ♂, lgt. M. Halada; 15.v.2000, 3 ♂ ♂, lgt. M. Snížek; Český Krumlov, Vyšný (7151), 9.vi.2006, 1 ♂, 13.vi.2007, 1 ♂, both lgt. M. & Z. Halada, all det. M. Schwarz. Slovakia: Kováčov (8178), 20.v.1974, 2 ♂ ♂, lgt. M. Kocourek; Štúrovo (8277), vi.1972, 1 ♂, vi.1974, 1 ♀, both lgt. M. Kocourek, all det. M. Schwarz.

***Listrognathus helveticae* (HORSTMANN, 1968) – new records for the Czech Republic and Slovakia**

M a t e r i a l : Bohemia: Český Krumlov, Vyšný (7151), 2.vi.2003, 1 ♂, 20.v.2004, 1 ♂, both lgt. M. Halada; 20.vi.2006, 1 ♂, lgt. Z. & M. Halada; Budějovice-Srubec, 4.vi.2002, 2 ♂ ♂, lgt. M. Halada,

all det. M. Schwarz. Moravia: Kobyly (7067), vi.1965, 1 ♀, lgt. Kocourek; 4.vii.1999, 1 ♀, lgt. M. Halada, both det. M. Schwarz. Slovakia: Štúrovo (8277), v.1967, 6 ♂ ♂, vi.1967, 1 ♀, all lgt. M. Kocourek, all det. M. Schwarz.

***Myrmeleonostenus italicus* (GRAVENHORST, 1829) – new record for Slovakia**

M a t e r i a l : Slovakia: Kováčov (8178), 20.v.1974, 1 ♀; Modra (7669), 14.vi.1976, 1 ♀; Štúrovo (8277), 7.vi.1965, 1 ♀, vi.1969, 1 ♀, all lgt. M. Kocourek, all det. M. Schwarz.

***Nematopodius debilis* (RATZEBURG, 1852) – new record for the Czech Republic**

M a t e r i a l : Moravia: Lhota u Pačlavic (6768), 11.viii.1993, 1 ♀, lgt. K. Deneš, det. M. Schwarz.

***Picardiella melanoleuca* (GRAVENHORST, 1829) – new record for Moravia**

M a t e r i a l : Moravia: Lhota u Pačlavic (6768), 11.vii.1995, 1 ♂, lgt. K. Deneš, det. M. Schwarz.
In the Czech Republic hitherto known only from Bohemia (ZEMAN 2001).

***Plectocryptus digitatus* (GMELIN, 1790) – new record for Moravia**

M a t e r i a l : Moravia: Lhota u Pačlavic (6768), 1.vi.1993, 1 ♂, lgt. K. Deneš, det. M. Schwarz.
In the Czech Republic hitherto known only from Bohemia (ŠEDIVÝ 1989).

***Plectocryptus periculosus* (SCHMIEDEKNECHT, 1905) – new record for the Czech Republic**

M a t e r i a l : Bohemia: Volary (7049), 10.ix.1993, 1 ♂, lgt. Flicek, det. M. Schwarz.

***Pycnocryptodes insinuator* (GRAVENHORST, 1829) – new record for Slovakia**

M a t e r i a l : Slovakia: Chotín (8174), 7.vii.1994, 1 ♀; Jahodná (7972), 5.vii.1994, 1 ♂; Malacky (7568), 5.vii.1994, 1 ♂, all lgt. K. Deneš; Štúrovo (8277), 28.vii.1993, 1 ♀, lgt. M. Halada, all det. M. Schwarz.

***Schreineria cingulipes* (FÖRSTER, 1888) – new record for Slovakia**

M a t e r i a l : Slovakia: Štúrovo (8277), vi.1965, 1 ♂, lgt. M. Kocourek, det. M. Schwarz.

***Sphecophaga vesparum* (CURTIS, 1828) – new record for Slovakia**

M a t e r i a l : Slovakia: Levice (7777), 3.v.2004, 1 ♀, lgt. M. Kadlecová; Štúrovo (8277), v.1975, 1 ♀, lgt. M. Kocourek, both det. M. Schwarz.

***Thaumatogelis femoralis* (BRISCHKE, 1881)**

M a t e r i a l : Bohemia: Černošice, Sulava (6051-52), 12.viii.1953, 1 ♀, lgt. Z. Pádr; Nymburk (5856), 4.vii.1965, 1 ♀, lgt. M. Dvořák, both det. M. Schwarz.

SCHWARZ (2001) published first record for the Czech Republic without listing the data. Here first precise localities for Bohemia are mentioned.

***Theroscopus ochrogaster* (THOMSON, 1888) – new record for Moravia**

M a t e r i a l : Moravia: Jablunkov (6478), 24.viii.1987, 1 ♀, lgt. V. Barták, det. M. Schwarz.
In the Czech Republic hitherto known only from Bohemia (ZEMAN & MOCEK 2006).

***Theroscopus pullator* (GRAVENHORST, 1829) – new record for the Czech Republic**

M a t e r i a l : Bohemia: České Budějovice (69-7052-53), 20.v.2002, 1 ♀, lgt. M. Halada, det. M. Schwarz.

***Theroscopus rufulus* (GMELIN, 1790) – new record for the Czech Republic**

M a t e r i a l : Bohemia: Havlíčkův Brod, 10 km SE - Sázava (6359-6460), 26.ix.1991, 1 ♀, lgt. V. Barták, det. M. Schwarz. Moravia: Jablunkov (6478), 24.viii.1987, 1 ♀, lgt. V. Barták, det. M. Schwarz.

***Trychosia priesneri* ROSSEM, 1971 – new record for Slovakia**

M a t e r i a l : Slovakia: Štúrovo (8277), vi.1974, 1 ♀, lgt. M. Kocourek, det. M. Schwarz.

***Xenolytus substriatus* TOWNES, 1983 – new record for the Czech Republic**

M a t e r i a l : Moravia: Čejč (7067), vii.1958, 1 ♀, lgt. M. Kocourek, det. M. Schwarz.

Subfamily I c h n e u m o n i n a e***Anisobas rebellis* WESMAEL, 1845**

M a t e r i a l : Bohemia: Chlum u Třeboně (7055), 27.vii.1967, 1 ♂, lgt. J. Niedl, 1.viii.1992, 1 ♀, lgt. J. Halada, both det. K. Horstmann. Moravia: Hodonín (7168), 1.viii.1958, 1 ♀, lgt. M. Kocourek; Lhota u Pačlavic (6768), 11.vii.1996, 1 ♀, lgt. K. Deneš, both det. K. Horstmann.

HORSTMANN (2007) published first record for the Czech Republic without listing the data. Here first precise localities for Bohemia and Moravia are mentioned.

***Barichneumon albicaudatus* (FONSCOLOMBE, 1847) – new record for the Czech Republic**

M a t e r i a l : Bohemia: Netolice (6951), 27.vii.1999, 1 ♀, lgt. M. Snižek, det. M. Riedel.

***Heterischnus filiformis* (GRAVENHORST, 1829) – new record for the Czech Republic**

M a t e r i a l : Moravia: Lhota u Pačlavic (6768), 11.v.2001, 1 ♀, lgt. K. Deneš, det. E. Diller.

***Ichneumon veressi* (KISS, 1915) – new record for Slovakia**

M a t e r i a l : Slovakia: Štúrovo (8277), vi.1965, 1 ♀, lgt. M. Kocourek, det. M. Riedel.

***Platylabus heteromallus* (BERTHOUMIEU, 1910)**

M a t e r i a l : Moravia: Čejč (7067), 1.vii.1958, 2 ♀ ♀, lgt. M. Kocourek, det. M. Riedel.

RIEDEL (2008) published first record for the Czech Republic without listing the data. Here first precise locality for Moravia is mentioned.

***Platylabus odiosus* PERKINS, 1953**

M a t e r i a l : Bohemia: České Budějovice (69-7052-53), 8.v.2000, 1 ♀, lgt. M. Snížek, det. M. Riedel.

RIEDEL (2008) published first record for the Czech Republic without listing the data. Here first precise locality for Bohemia is mentioned.

***Sypsis carinator* (FABRICIUS, 1798) – new record for Slovakia**

M a t e r i a l : Slovakia: Kováčov (8178), 20.v.1974, 1 ♀, lgt. M. Kocourek, det. M. Riedel.

Subfamily M e s o c h o r i n a e

***Astiphromma aggressor* (FABRICIUS, 1804)**

M a t e r i a l : Bohemia: České Budějovice, Dobrá Voda (5659), 5.vi.2007, 1 ♀, lgt. M. & Z. Halada, det. M. Riedel.

RIEDEL (2015) published a record for the Czech Republic without listing the data. Here first precise locality for Bohemia is mentioned.

***Astiphromma diversum* SCHWENKE, 1999**

M a t e r i a l : Bohemia: Vráž u Pisku (6650), 12.v.1992, 1 ♂, lgt. V. Barták, det. M. Riedel.

RIEDEL (2015) published first record for the Czech Republic without listing the data. Here first precise locality for Bohemia is mentioned.

***Astiphromma dorsale* (HOLMGREN, 1860)**

M a t e r i a l : Bohemia: Dobrá, Mrtvý luh (7149), 5.vii.1988, 2 ♀ ♀, 2 ♂ ♂, lgt. V. Barták, det. M. Schwarz and M. Riedel.

RIEDEL (2015) published first record for the Czech Republic without listing the data. Here first precise locality for Bohemia is mentioned.

***Astiphromma italicum* SCHWENKE, 1999**

M a t e r i a l : Bohemia: České Budějovice, Švábův dvůr (7052), 18.vi.1994, 1 ♂, lgt. J. Olejníček, det. M. Schwarz.

RIEDEL (2015) published first record for the Czech Republic without listing the data. Here first precise locality for Bohemia is mentioned.

***Astiphromma nigriceps* (BRISCHKE, 1880)**

M a t e r i a l : Slovakia: Štúrovo (8277), vi.1965, 1 ♀, vi.1972, 1 ♀, both lgt. M. Kocourek, both det. M. Schwarz and M. Riedel.

RIEDEL (2015) published first record for Slovakia without listing the data. Here first precise locality is mentioned.

***Astiphromma nigrocoxatum* (STROBL, 1904)**

M a t e r i a l : Bohemia: České Budějovice, Švábův dvůr (7052), 10.iv.2004, 1 ♀, lgt. J. Olejníček; Vysoké Mýto (6062-63), 13.v.1957, 1 ♀, lgt. P. Starý, both det. M. Schwarz and M. Riedel.

RIEDEL (2015) published first record for the Czech Republic without listing the data. Here first precise localities for Bohemia are mentioned.

Subfamily O x y t o r i n a e***Oxytorus armatus* THOMSON, 1883 – new record for Moravia**

M a t e r i a l : Moravia: Lhota u Pačlavic (6768), 11.viii.1993, 1 ♂, lgt. K. Deneš, det. M. Schwarz.

In the Czech Republic hitherto known only from Bohemia (ŠEDIVÝ 1989).

***Oxytorus luridator* (GRAVENHORST, 1820) – new records for Bohemia and Slovakia**

M a t e r i a l : Bohemia: Majdalena (7055), 21.vii.1992, 1 ♀, 25.vii.1992, 1 ♀, both lgt. K. Deneš, both det. M. Schwarz. Slovakia: Levice, Rybník (7777), 16.vi.1994, 1 ♀, lgt. Kašpar, det. M. Schwarz.

In the Czech Republic hitherto known only from Moravia (ŠEDIVÝ 1989).

Subfamily P h r u d i n a e***Phrudus defectus* STELFOX, 1966 – new record for the Czech Republic**

M a t e r i a l : Bohemia: České Budějovice (69-7052-53), 8.v.2000, 1 ♀, lgt. M. Snížek, det. M. Schwarz. Moravia: Lhota u Pačlavic (6768), 1.vi.1993, 1 ♀, lgt. K. Deneš, det. M. Schwarz.

Subfamily P i m p l i n a e***Ephialtes zirnitsi* OZOLS, 1962**

M a t e r i a l : Bohemia: Chlum u Třeboně nv., viii.1980, 1 ♂, lgt. M. Halada, det. K. Horstmann.

HORSTMANN (2008) published first record for the Czech Republic without listing the data. Here first precise locality for Bohemia is mentioned.

Subfamily S t i l b o p i n a e***Stilbops limneriaeformis* (SCHMIEDEKNECHT, 1888) – new record for the Czech Republic**

M a t e r i a l : Moravia: Lhota u Pačlavic (6768), 4.vi.1994, 1 ♀, lgt. K. Deneš, det. M. Schwarz.

Subfamily X o r i d i n a e***Xorides alpestris* (HABERMEHL 1903) – new record for Moravia**

M a t e r i a l : Moravia: Lhota u Pačlavic (6768), 10.vii.1997, 1 ♀, lgt. K. Deneš, det. J. Hilszczanski.

In the Czech Republic hitherto known only from Bohemia (ŠEDIVÝ 1989).

***Xorides depressus* (HOLMGREN, 1860) – new record for Slovakia**

M a t e r i a l: Slovakia: Spišské Tomášovce (7088), 20.vii.1995, 1♀, lgt. J. Kadlec, det. J. Hilszczanski.

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Zusammenfassung

Für die Tschechische Republik und die Slowakei werden aus der Sammlung des Biologiezentrums in Linz (Österreich) neue Nachweise von Schlupfwespenarten (Ichneumonidae) gegeben. Insgesamt werden für diese beiden Länder bzw. für Böhmen oder Mähren 46 neue Arten gemeldet; 33 Arten für die Tschechische Republik bzw. für Böhmen oder Mähren und 21 Arten für die Slowakei.

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