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New and interesting records of leaf beetles (Coleoptera: Chrysomelidae) from Bohemia, Moravia and Slovakia

Nové a zajímavé nálezy mandelinek (Coleoptera: Chrysomelidae) z Čech, Moravy a Slovenska

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Abstract. Distributional data of twenty-one leaf beetles from Bohemia, Moravia and Slovakia are presented. *Chrysolina* (*Hypericia*) *brunsvicensis* (Gravenhorst, 1807) is new for the Czech Republic, *Cryptocephalus* (*Burlinius*) *pallifrons* Gyllenhal, 1813 is new for Bohemia, *Cheilotoma erythrostoma* (Faldermann, 1837), *Cryptocephalus* (*Burlinius*) *ochroleucus* Fairmaire, 1859, *Galerucella aquatica* (Geoffroy in Fourcroy, 1785), *Galerucella kerstensi* Lohse, 1989, *Longitarsus obliteratoides* Gruev, 1973, *Psylliodes circumdatus* (Redtenbacher, 1842) and *Cassida leucanthemi* Bordy, 1995 are new for Slovakia, *Galerucella sagittariae* (Gyllenhal, 1813) is confirmed in Moravia and Slovakia.

In the present paper, distributional data of twenty-one species of leaf beetles are given from the Czech and Slovak Republics. The data are based on material housed in several private collections of Czech entomologists.

Cheilotoma erythrostoma (Faldermann, 1837). Moravia mer., Čejč (7067), vi.1941, 1 ♀, R. Veselý lgt., J. Voříšek det. et coll.; 27.v.1995, 1 ♀, D. Dluhoš lgt. et coll., F. Kantner det.; Slovakia mer., Jablonov nad Turňou (7490), 9.vii.1956, 1 ♀, K. Poláček lgt., J. Voříšek det. et coll. Distribution: Italy, Romania, Bulgaria and Russia (Vela & Bastazo 1994). According to Strejček (1993), also known from Moravia. New species for Slovakia; additional records for Moravia.

Cryptocephalus* (*Cryptocephalus*) *laetus Fabricius, 1792. Slovakia occ., Nesvady – Liščie diery (7669), 18.viii.2000, cca 150 spec., M. Zúber lgt., det. et. coll. Mass occurrence of several hundred specimens of this rare species was observed on a sandy dune patch. The specimens were observed on most flowering plants, e.g. *Taraxacum* sp., *Statice* sp., *Galium* sp.

Cryptocephalus* (*Cryptocephalus*) *octomaculatus Rossi, 1790. Bohemia bor. occ., Kadaň – Jelení vrch (5645), 24.viii.1999, 1 ♀, O. Odvárka lgt. et coll., J. Voříšek det.; Moravia mer., Podmolí – Šobes (7161), 21.-28.vii.1995, 1 ♂, Z. Kraus lgt., J. Voříšek det. et coll.; 19.vii.1995, 1 ♂, M. Škorpík lgt., J. Bezděk det. et coll.; Slovakia occ. mer., Nitra – Zobor (7674), 16.vi.1977, 1 ♀, J. Cunev lgt., J. Voříšek det. et coll. Lately aestival species, recently reported from Bohemia, Moravia and Slovakia (Doležal 1993, Čížek et al. 1995). Additional records for these territories.

Cryptocephalus* (*Burlinius*) *ochroleucus Fairmaire, 1859. Slovakia mer., Kováčov (8178), 26.vi.1957, 1 ♂, O. Voříšek lgt., J. Voříšek det. et coll. Known from France, Germany, Poland, Hungary and Bulgaria (Warchałowski 1991). New species for Slovakia.

Cryptocephalus* (*Burlinius*) *pallifrons Gyllenhal, 1813. Bohemia mer., Nové Hrady (7254), 1.ix.1987, 1 ♀, M. Snížek lgt., det. et coll., J. Bezděk revid. Recorded from France, Germany, Poland, Finland, Russia and Mongolia (Warchałowski 1991). According to Strejček (1993) also known from Moravia. New species for Bohemia.

Chrysolina* (*Chalcoidea*) *carnifex carnifex (Fabricius, 1792). Moravia mer., Bzenec (7069), 21.v.1999, 4 spec.; 12.vi.1999, 65 spec.; 21.iv.2000, 32 spec.; 15.vi.2000, 41 spec.; 16.vi.2000, 27 spec. All M. Zúber lgt., det. et coll. Mass occurrence of this rare species was observed under roots of *Artemisia* sp. From the former Czechoslovakia reported e.g. by Havelka (1946), Strejček (1996) and Čížek et al. (1995).

Chrysolina* (*Anopachys*) *eurina (Frivaldszky, 1883). Slovakia mer., Smolník (7290), 21.vii.2000, 1 ♀, P. Jáchymek lgt., J. Bezděk det. et coll. Strejček (1993) reported this species under the name *C. perplexa* (Breit, 1920) as doubtful for Slovakia. Known from Austria and Romania (Bieńkowski 1998), recently confirmed in Slovakia (Zúber 1997) and Moravia (Zúber 1999). Additional record for Slovakia.

Chrysolina* (*Taeniosticha*) *reitteri lineata Papp, 1946. Slovakia mer., Štúrovo (8178), v.1959, 1 ♀, without collector's name, J. Voříšek det. et coll.; 8.v.1988, 2 ♀♀, Z. Šťastný lgt., M. Zúber det. et coll. Distribution: southern and eastern Europe, Turkey, Caucasus (Warchałowski 1993). It was confirmed for Slovakia by Čížek et al. (1995). Additional records for Slovakia.

Chrysolina* (*Ovosoma*) *susterai Bechyně, 1950. Slovakia mer., Zádiel (7391), 26.vi.2000, 1 ♂, A. Holub lgt., J. Bezděk det. et coll. Recorded from Romania, Hungary, the Ukraine and Slovakia (Warchałowski 1993). Only two papers have so far reported precise data of this species from Slovakia: Bechyně (1950) and Havelka (1965). The third record for Slovakia.

Chrysolina* (*Hypericia*) *brunsvicensis (Gravenhorst, 1807). Bohemia occ., Postřekov, Postřekovské rybníky ponds (6542), 18.ix.1999, 1 ♂, 1 ♀, V. Benedikt lgt., M. Zúber det. et coll.; 1 ♀, V. Benedikt lgt. et det., coll. F. Kantner; 9.ix.2000, 2 ♀♀, Z. Doležal lgt. et det., coll. F. Kantner. Recorded from Great Britain, France, Germany and Poland (Warchałowski 1993). New species for the Czech Republic.

Timarcha tenebricosa moravica Bechyně, 1945. Slovakia occ., Modra – Kamenná brána (7669), 19.iv.2000, 1 ♂, J. Mertlik lgt., M. Zúber det. et coll.; Slovakia mer., Kližská Nemá (8272), 19.vii.1996, 1 ♂, M. Mantič lgt., J. Bezděk det. et coll.; Slovakia mer., Čičov (8272), 2.v.1999, 1 ♂, M. Mantič lgt. et coll., J. Bezděk det. Recent records from Slovakia of this very rare species.

Galerucella aquatica (Geoffroy in Fourcroy, 1785). Bohemia bor., Česká Lípa – Žízníkov (5353), 9.v.1987, 1 ♀, V. Novák lgt., J. Bezděk det., coll. J. Stanovský; Bohemia or., Žamberk (5964), 29.vii.1992, 1 ♀, P. Čížek lgt., J. Bezděk det., coll. J. Stanovský; Moravia bor., Děhylov (6175), 24.vii.1996, 1 ♂, 3 ♀♀, 1.viii.1996, 5 ♀♀, L. Koloničný lgt., J. Bezděk det., coll. J. Stanovský; Moravia mer., Uherský Brod (6971), 1.xi.1981, 1 ♀, Resl lgt., J. Bezděk det., coll. J. Stanovský; Moravia mer., Pouzdřany – pond (7065), 24.iv.1998, 2 ♀♀, R. Stejskal lgt., J. Bezděk det. et coll.; Slovakia occ., Malacky (7568), 10.v.1992, on *Polygonum amphibium*, 2 ♂♂, 2 ♀♀, M. Zúber lgt., det. et coll.; Slovakia occ. mer., Tvrdošovce (7974), 15.vii.1989, 1 ♀, M. Ouda lgt., M. Zúber det. et coll.; 27.v.1998, 1 ♂, D. Vacík lgt., J. Bezděk det. et coll.; Slovakia or., Malé Trakany (7698), 26.vii.1991, on *Polygonum amphibium*, 2 ♂♂, 1 ♀, M. Zúber lgt., det. et coll. The distribution of this Palaearctic species is insufficiently known. Recorded from France, Germany and the Czech Republic (Lohse 1989, Zúber 2000). Additional records from Bohemia and Moravia; new species for Slovakia.

Galerucella kerstensi Lohse, 1989. Slovakia or., Viničky (7596), 2.iv.1982, 1 ♂, J. Stanovský lgt. et coll., J. Bezděk det. It was described after specimens from Germany (Lohse 1989). New species for Slovakia.

Galerucella sagittariae (Gyllenhal, 1813). Bohemia occ. mer., Zliv (6952), 5.-6.ix.1994, 3 ♂♂, 4 ♀♀, A. Bezděk lgt., J. Bezděk det. et coll.; Moravia bor., Martinov (6175), 22.vii.1991, 1 ♂, 1 ♀, M. Mantič lgt. et coll., J. Bezděk det; Slovakia or., Bol' (7597), 28.x.1982, 3 ♂♂, 3 ♀♀, J. Stanovský lgt. et coll., J. Bezděk det. Recorded from Scotland, Germany and Finland (Lohse 1989, Nokkala et al. 1998). Strejček (1993) reported the species from Bohemia and as doubtful from Moravia and Slovakia. Additional record from Bohemia; occurrence in Moravia and Slovakia confirmed

Longitarsus curtus (Allard, 1860). Bohemia centr., Vrané nad Vltavou (6052), without collection date, 1 ♂, Dr. Všetečka lgt., M. Döberl det., coll. M. Zúber; Moravia bor., Dolní Bečva (6575), 2.vii.1997, 1 ♀, S. Urban lgt., M. Döberl det., coll. M. Zúber. Döberl (1995) resurrected *L. monticola* Kutschera, 1863 from its synonymy with *L. curtus* and thus the distribution of both species is currently only insufficiently known. All data reffering to *L. curtus* before 1995 should be revised. Warchałowski (1995) reported *L. curtus* from Bohemia. Additional record for Bohemia; occurrence in Moravia confirmed.

Longitarsus obliteratoides Gruev, 1973. Slovakia mer. or., Kečovo (7588), 12.vii.1994, 1 ♂, 1 ♀, M. Zúber lgt. et coll., M. Döberl det. Recorded from Spain, France, Switzerland, Germany, Italy, Greece, Cyprus, Azerbaijan and Georgia (Perner 1994, Gruev & Döberl 1997). New species for Slovakia.

Psylliodes circumdatus (Redtenbacher, 1842). Slovakia or., Malé Trakany (7698), 9.vii.1995, 1 ♂, 1 ♀; 10.vii.1995, 2 ♂♂, 1 ♀, all M. Zúber lgt., det. et coll. (1 spec. in coll. P. Čížek). Recorded from France, Italy, Germany, Austria, Greece, Bulgaria, Romania, Poland and Russia (Gruev & Döberl 1997). Havelka (1965) reported this species as doubtful from Slovakia. It was also cited from Slovakia (without further data) by Gruev & Döberl (1997) and Strejček (1993). Occurrence in Slovakia confirmed.

Psylliodes toelgi Heikertinger, 1914. Slovakia mer. or., Kečovo (7588), 12.vii.1994, 1 ♂, 1 ♀, M. Zúber lgt. et coll., M. Döberl det. According to Gruev & Döberl (1997) distributed in Austria, Croatia, Spain, France, Germany, the Czech Republic, Hungary, Italy, Slovenia, Switzerland and the Ukraine. Based on the above-mentioned specimens, it was also cited from Slovakia in the same publication but without precise data.

Cassida bergeali Bordy, 1995. Slovakia mer., Štúrovo (8278), 11.v.1994, 2 ♂♂, 1 ♀, J. Nežerka lgt., M. Zúber det. et coll.; Slovakia mer., Kamenica nad Hronom (8178), 9.v.1996, 1 ♀, F. Paikert lgt., M. Zúber det. et coll.; Slovakia mer., Iža - Bokroš (8275), 10.v.1998, 1 ♂, J. Plecháč lgt., M. Zúber det. et coll. Bordy (1995a) described this species from France and Austria. It was recorded from Slovakia by Bezděk & Bezděk (1998); known also from Moravia, Bohemia and Poland (Bezděk & Zúber 2000, Borowiec & Świętojańska 1997). Additional records for Slovakia.

Cassida leucanthemi Bordy, 1995. Slovakia occ., Dolné Vestenice (7262), 6.vii.2000, 1 ♂, M. Mantič lgt. et coll., J. Bezděk det. Known from France, Spain, Austria, Germany, the Czech Republic and Poland (Bordy 1995b, Borowiec & Świętojańska 1997, Borowiec 1999, Bezděk & Zúber 2000). It is closely related to *C. sanguinosa* Suffrian, 1844. New species for Slovakia.

Cassida prasina Illiger, 1798. Moravia mer.: Popice (7065), 26.v.1997, 1 ♂, 2 ♀♀, A. Bezděk lgt., D. Sassi det., coll. J. Bezděk; Čejč (7067), 27.vi.1992, 1 ♀, D. Juřena lgt.,

J. Bezděk det. et coll.; Břeclav – Pohansko (7267), 28.vi.1998, 1 ♂, V. Zeman lgt., J. Bezděk det. et coll. It is widely distributed in the western part of the Palaearctic region, reaching western China in the east (Borowiec 1999). It was already recorded from Moravia by Bechyně (1944) and Strejček (1996) but the former record was omitted in the Check-list (Strejček 1993). Correction of the Check-list.

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SOUHRN

Autoři předkládají příspěvek k poznání rozšíření 21 druhů mandelinek na území České republiky a Slovenské republiky. *Chrysolina* (*Hypericia*) *brunsvicensis* (Gravenhorst, 1807) je novým druhem pro Českou republiku; *Cryptocephalus* (*Burlinius*) *pallifrons* Gyllenhal, 1813 je nový pro Čechy; *Cheilotoma erythrostoma* (Faldermann, 1837), *Cryptocephalus* (*Burlinius*) *ochroleucus* Fairmaire, 1859, *Galerucella aquatica* (Geoffroy in Fourcroy, 1785), *Galerucella kerstensi* Lohse, 1989, *Longitarsus obliteratoides* Gruev, 1973, *Psylliodes circumdatus* (Redtenbacher, 1842) a *Cassida leucanthemi* Bordy, 1995 jsou nové pro území Slovenska. Nálezy zde uvedených exemplářů *Longitarsus curtus* (Allard, 1860) a *Cassida prasina* Illiger, 1798 potvrzují výskyt obou druhů na Moravě; je potvrzen výskyt druhu *Galerucella sagittariae* (Gyllenhal, 1813) na Moravě a na Slovensku.