
FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 497

Hymenoptera: Aculeata: Apoidea

Andrenidae

Andrena aeneiventris Morawitz, 1872. Moravia mer., Havraníky (7162), 48°48'48.600"N 16°00'11.292"E, 315 m a.s.l., 4.v.2018, 1 ♂, J. Straka lgt., det. et coll.; Pavlov env., Děvín Mt. (7165), 48°52'04.469"N 16°38'46.820"E, 520 m a.s.l., 23.v.2018, 1 ♂, J. Straka lgt., det. et coll.; Znojmo env., Načeratický kopec (7162), 48°49'32.452"N 16°05'49.528"E, 275 m a.s.l., 29.vii.2018, 1 ♀, M. Šlachta lgt. et coll., J. Straka det.; Sedlec env., Slanisko u Nesytu National Nature Reserve (7267), 48°46'31.102"N 16°41'57.771"E, 175 m a.s.l., 20.viii.2019, 6 ♂♂, 4 ♀♀, P. Bogusch lgt., det. et coll.

Polylectic species occurring in dry steppe and sandy habitats. In Europe, this species is distributed from the Mediterranean in the south to Austria, Czech Republic (Moravia) and Slovakia in the north (Scheuchl & Willner 2016, Straka & Bogusch 2017). It was considered regionally extinct in the Czech Republic (Straka & Bogusch 2017). Confirmed occurrence in the Czech Republic (Moravia).

Andrena coitana (Kirby 1802). Bohemia mer., Šejby env., Vysoká Mt. (7254), 48°42'13.680"N 14°44'57.360"E, 897 m a.s.l., 30.vii.2017, 1 ♀; 1.viii.2017, 4 ♀♀; 5.viii.2017, 1 ♀; 4.vii.2018, 3 ♀♀; 7.vii.2018, 1 ♀; 21.vii.2018, 2 ♀♀; 23.vii.2018, 4 ♀♀; 28.vii.2018, 1 ♀; 22.vii.2019, 2 ♀♀; 5.viii.2019, 1 ♀, M. Šlachta lgt. (all records), Z. Karas det. (records from 2017), M. Šlachta det. (records from 2018, 2019), J. Straka revid. (records from 2017, 2018), coll. Z. Karas (1 ♀), J. Straka (2 ♀♀) and M. Šlachta (remaining specimens); Desky (7253), 48°42'33.912"N 14°33'29.910"E, 657 m a.s.l., 22.vii.–3.viii.2017, 1 ♀; 22.vi.–5.vii.2019, 1 ♀; 3.viii.–16.viii.2019, 1 ♀, all specimens collected with blue pan traps at the edge of an arable field or in sown flower strips, M. Šlachta and J. Peterka lgt. (all records), J. Straka det. (records from 2017), M. Šlachta det. (records from 2019), coll. J. Straka (1 ♀) and M. Šlachta (remaining specimens).

Transpalaeartic polylectic species, which occurs at higher altitudes. In Europe, it is distributed from southern France, northern Italy and Northern Macedonia in the south through central Europe (incl. Austria, Czech Republic (Bohemia, Moravia), Germany, Poland, Slovakia) to Norway, Sweden and Finland in the north (Scheuchl & Willner 2016, Straka & Bogusch 2017). It was considered regionally extinct in the Czech Republic (Straka & Bogusch 2017). Confirmed occurrence in the Czech Republic.

Apidae

Nomada obtusifrons Nylander, 1848. Bohemia mer., Malonty (7353), 48°41'18.408"N 14°34'35.892"E, 674 m a.s.l., 13.vii.–27.vii.2018, 1 ♂, yellow pan trap in sown flower strip in an arable field, M. Šlachta and J. Peterka lgt., J. Straka det. et coll.

Cleptoparasitic species in nests of *Andrena coitana* (Kirby 1802) and possibly also of *Andrena tarsata* Nylander, 1848 (Smit 2018). *Andrena coitana* was recorded nearby (at Deský, 2.7 km away). In Europe, *N. obtusifrons* is distributed from France, northern Italy and Croatia through central Europe (incl. Austria, Czech Republic (Bohemia, Moravia), Germany, Poland, Slovakia) to the Scandinavian countries (Scheuchl & Willner 2016, Straka & Bogusch 2017). It was considered regionally extinct in the Czech Republic (Straka & Bogusch 2017). Confirmed occurrence in the Czech Republic.

Colletidae

Hylaeus imparilis Förster, 1871. Moravia mer., Tasovice (7162), 48°50'42.990"N 16°08'34.002"E, 228 m a.s.l., 9.ix.2017, 1 ♂, sand pit, M. Šlachta lgt. et coll., J. Straka det.; Znojmo env., Načeratický kopec (7162), 48°49'32.452"N 16°05'49.528"E, 275 m a.s.l., 29.vii.2018, 1 ♂, 1 ♀, M. Šlachta lgt. et coll., J. Straka det.

Probably polylectic species distributed between the Mediterranean in the south to Austria, Czech Republic (Moravia) and Slovakia in the north (Scheuchl & Willner 2016, Straka & Bogusch 2017). It was considered regionally extinct in the Czech Republic (Straka & Bogusch 2017). Confirmed occurrence in the Czech Republic (Moravia).

Halictidae

Lasioglossum marginatum (Brullé, 1832). Bohemia bor., České středohoří Protected Landscape Area, Raná env., Raná hill (5548), 50°24'19.364"N 13°46'28.854"E, 370 m a.s.l., 9.v.2008, 1 ♀, Z. Karas lgt., det. et coll., J. Straka revid.; Bohemia occ., Rabí env., Lišná hill (6747), 49°16'36.995"N 13°36'28.522"E, 520 m a.s.l., 11.v.–7.vi.2016, yellow pan trap at the upper edge of limestone quarry, J. Erhart lgt., Z. Karas det., J. Straka revid., coll. M. Šlachta, reported by Erhart et al. (2018) without precise date of capture; Bohemia centr., Poděbrady env., Ošskobrh Nature Monument (5857), 50°08'44.439"N 15°13'22.595"E, 260 m a.s.l., 1.vi.2019, 2 ♀♀, Z. Karas lgt., det. et coll.; Bohemia mer., Suchdol nad Lužnicí env., Cep II sand pit (7054), 48°54'48.294"N 14°52'32.168"E, 450 m a.s.l., 18.v.2013, 1 ♀, Z. Karas lgt., det. et coll.; Nakolice (7154), 48°48'8.574"N 14°49'28.956"E, 475 m a.s.l., 22.iv.2018, 1 ♀, sand pit, J. Erhart lgt., J. Straka det., coll. M. Šlachta; 22.iv.–8.v.2018, 1 ♀, to yellow pan trap, J. Erhart lgt., J. Straka det., coll. M. Šlachta; 11.v.–25.v.2019, 2 ♀♀, to yellow and blue pan trap, M. Šlachta and J. Peterka lgt., M. Šlachta det. et coll.; Deský (7253), 48°42'33.912"N, 14°33'29.910"E, 657 m a.s.l., 21.iv.–6.v.2018, 1 ♀, to blue pan trap, M. Šlachta and J. Peterka lgt., J. Straka det., coll. M. Šlachta; 13.iv.–27.iv.2019, 1 ♀, to yellow pan trap, M. Šlachta and J. Peterka lgt., M. Šlachta det. et coll.; Malonty (7353), 48°41'18.408"N 14°34'35.892"E, 674 m a.s.l., 21.iv.–6.v.2018, 1 ♀, M. Šlachta and J. Peterka lgt., J. Straka det., coll. M. Šlachta; 11.v.–25.v.2019, 1 ♀, to yellow pan trap, M. Šlachta and J. Peterka lgt., M. Šlachta det. et coll.; 25.v.–8.vi.2019, 3 ♀♀, to yellow and blue pan traps, M. Šlachta and J. Peterka lgt., M. Šlachta det. et coll.; Třísov (7152), 48°52'31.376"N 14°21'37.374"E, 470 m a.s.l., 19.iv.–26.iv.2019, 1 ♀, J. Erhart lgt., M. Šlachta det. et coll.; Zborov (7053), 48°56'27.928"N 14°34'13.963"E, 520 m a.s.l., 23.iv.–6.v.2020, 1 ♀, to yellow pan trap, M. Šlachta and J. Peterka lgt., M. Šlachta det. et coll.

Eusocial species. Mother and female offspring (not laying eggs, only serving as workers) build up a colony, which persists for up to six years before the reproductive generation emer-

ges. The species is distributed in the southern part of the Western Palearctic. In Europe, it has northern limit of occurrence in the Czech Republic (Bohemia, Moravia), France, southern Germany and Slovakia (Scheuchl & Willner 2016, Erhart et al. 2018). We provide the date of record from Erhart et al. (2018) and present additional records from Bohemia, including the earliest one from Raná hill in 2008.

Seladonia seladonia (Fabricius 1794). Bohemia mer., Nová Ves nad Lužnicí-Krabonoš (7155), 48°48'37.344"N 14°57'17.886"E, 475 m a.s.l., 23.viii.2017, 1 ♀, M. Šlachta lgt. et coll., Z. Karas det., J. Straka revid.; 23.viii.2019, 1 ♀, M. Šlachta lgt., det. et coll.; 28.viii.2019, 1 ♀, M. Šlachta lgt., det. et coll.; Nakolice (7154), 48°48'08.574"N 14°49'28.956"E, 482 m a.s.l., 27.viii.2017, 1 ♀, sand pit, collected by netting, M. Šlachta lgt. et coll., Z. Karas det., J. Straka revid.

Euroasian polylectic species distributed very sparsely in steppes between Portugal in the west and northern China in the east. In central Europe known from Austria, Czech Republic (Moravia) and Slovakia (Scheuchl & Willner 2016, Straka & Bogusch 2017, Říha et al. 2019). New species for Bohemia.

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Martin ŠLACHTA, Global Change Research Institute of the Czech Academy of Sciences,
CZ-37005 České Budějovice, Czech Republic;
e-mail: martin.slachta@seznam.cz

Jakub STRAKA, Department of Zoology, Faculty of Science, Charles University,
Viničná 7, CZ-128 43 Praha 2, Czech Republic;
e-mail: jakub.straka@aculeataresearch.com

Zdeněk KARAS, Jáchymovská 345, CZ-373 44 Zliv, Czech Republic;
e-mail: zd.karas@mail.com