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FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 511

Hymenoptera: Aculeata: Apoidea

Halictidae

Lasioglossum discum (Smith, 1853). Bohemia mer., Desky (7253), 48°42′33.912″N 14°33′29.910″E, 657 m a.s.l., 31.vii.–14.viii.2020, 1 ♀, blue pan trap, M. Šlachta & J. Peterka lgt., M. Šlachta det. et coll.

Polylectic, western-Palaearctic species occurring mostly in sandy habitats. In Europe, this species is distributed from the Mediterranean to Austria, Czech Republic (Moravia) and Slovakia in the north (Přidal 2014, Scheuchl & Willner 2016, Straka & Bogusch 2017). It was considered regionally extinct in Bohemia (Straka & Bogusch 2017). Confirmed occurrence in Bohemia.

Nomiapis diversipes (Latreille, 1806). Moravia mer.: Ječmeniště Nature Monument (7262), 48°45′10.8″N 16°08′20.4″E, 8.viii.2019, 1 ♀, Z. Karas lgt., det. et coll.; 20.vii.2020, 2 ♂♂, 1 ♀, M. Halada lgt., M. Šlachta det. et coll.; Skalky u Sedlece Nature Monument (7266), 48°46′38.318″N 16°40′22.003″E, 21.vii.2020, 2 ♀♀, M. Halada lgt., M. Šlachta det. et coll.

Polylectic, thermophilous species inhabiting sandy sites, steppes and vineyards. It is distributed from the Mediterranean and Near East to the East Asia (Mongolia, Pakistan). In Europe, the northern limit of occurrence is in Austria (Lower Austria), Slovakia and southern Poland (Straka et al. 2007, Scheuchl & Willner 2016, Straka & Bogusch 2017). In Austria, it had disappeared for decades but recently has spread back from Hungary (Scheuchl & Willner 2016). New species for the Czech Republic.

Apidae

Amegilla albigena (Lepeletier, 1841). Moravia mer., Ječmeniště Nature Monument (7262), 48°45′10.8″N 16°8′20.4″E, 8.viii.2019, 1 ♂, Z. Karas lgt., det. et coll.; 20.vii.2020, 1 ♂, M. Halada lgt., M. Šlachta det. et coll.

Polylectic species with a preference for pollen of Boraginaceae and Lamiaceae. Inhabits dry and warm habitats like steppes and vineyards, from lowlands to mountains. It is distributed from northern Africa, South Europe and the Middle East to Central Asia and Pakistan. In Europe, the northern limit of the occurrence is in Austria (Lower Austria), Czech Republic (Moravia) and Slovakia (Straka et al. 2007, Scheuchl & Willner 2016, Straka & Bogusch 2017). It was considered regionally extinct in the Czech Republic (Straka & Bogusch 2017). Confirmed occurrence in the Czech Republic.

Thyreus ramosus Lepeletier, 1841. Moravia mer., Ječmeniště Nature Monument (7262), 48°45′10.8″N 16°08′20.4″E, 31.viii.2019, 2 ♀♀, M. Šlachta lgt., det. et coll.; 20.vii.2020, 2 ♂♂, M. Halada lgt., M. Šlachta det. et coll.

Cleptoparasitic species in nests of *Amegilla albigena*. Inhabits warm, dry habitats from lowlands to mountains. It is distributed from northern Africa, south Europe and the Middle East to India. In Europe, the northern limit of occurrence is in Austria (Lower Austria) and Slovakia (Straka et al. 2007, Scheuchl & Willner 2016). New species for the Czech Republic.

Megachilidae

Coelioxys echinata Förster, 1853. Moravia mer.: Oslavany (6863), 28.vi.2017, 1 ♂, Z. Karas lgt., det. et coll.; Ječmeniště Nature Monument (7262), 48°45′10.8″N 16°08′20.4″E, 20.vii.2020, 1 ♀, M. Halada lgt., M. Šlachta det. et coll.

Cleptoparasitic species in nests of *Megachile rotundata* (Fabricius, 1787). It inhabits warm, dry habitats (steppes, vineyards) from lowlands to lower montane altitudes (Scheuchl & Willner 2016). It is distributed from northern Africa and southern Europe to southern Russia and Afghanistan. In Europe, its northern limit of occurrence is in northern Germany and Poland. It is rare in Austria (e.g. in Lower Austria) (Scheuchl & Willner 2016). Recently, it has been reported more frequently from the Czech Republic (Bohemia), but it was considered regionally extinct in Moravia (Straka & Bogusch 2017). Confirmed occurrence in Moravia.

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