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FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 554

Hemiptera: Heteroptera: Reduviidae

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Nagusta goedelii (Kolenati, 1857). Moravia mer., Hodonín (7168), 48°51′34″N 17°6′56.6″E, 181 m a.s.l., 27.xi.2021, 1 ♂ (Fig. 1), in a flat in Lipová alej street, V. Vybíhalová lgt., Š. Zeman det., P. Kment revid., coll. National Museum of the Czech Republic, Praha, Czech Republic.

A Ponto-Mediterranean polyphagous predator living on vegetation, predominantly on various deciduous trees. Distribution and biology of this species is described in detail by Putshkov & Moulet (2010), Kment & Dolejšová (2010), and Hemala et al. (2022). For identification of other Central European assassin bugs see Putshkov & Moulet (2010), for distinguishing *N. goedelii* from the invasive *Zelus renardii* Kolenati, 1857 see Kment & van der Heyden (2022). A single specimen of *N. goedelii* was recorded in the Czech Republic in 2010 in Prague, and was probably accidentally introduced (Kment & Dolejšová 2010) and did not establish a viable population. The specimen discussed here from Hodonín was probably also unintentionally introduced with packages from abroad, but a natural spread from surrounding countries cannot be ruled out, since *N. goedelii* has recently re-expanded in the Pannonian Lowland (including Slovakia) and become established in Bratislava and Nitra, reaching as far as Piešťany (only 58 km in a direct line from Hodonín) (Hemala et al. 2022). Despite early specimens of *N. goedelii* often being introduced with human assistance, its past as well as recent distribution pattern in the Pannonian Lowland instead suggests a natural oscillation of the northern boundary of its distribution due to climatic changes. Therefore, *N. goedelii* can be considered a neonative rather than an invasive species in this area (cf. Essl et al. 2019). New species for Moravia. However, further records are needed to confirm its establishment in Czech Republic.

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Fig. 1. The assassin bug *Nagusta goedelii* (Kolenati, 1857), male specimen from Hodonín (body length 15.7 mm). Photograph by P. Kment.
Obr. 1. Zákeřnice stromová (*Nagusta goedelii* (Kolenati, 1857)), exemplář samce z Hodonína (délka těla 15,7 mm). Fotografie P. Kment.