
FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 545

Coleoptera: Ptinidae: AnobiinaeJosef KAŠÁK¹⁾ & Jiří Ch. VÁVRA²⁾

¹⁾ Department of Forest Protection and Wildlife Management, Faculty of Forestry and Wood Technology, Mendel University in Brno, Zemědělská 3, CZ-613 00 Brno, Czech Republic; e-mail: abovic@seznam.cz

²⁾ Ostrava Museum, Lechowiczova 4, CZ-702 00 Ostrava 1, Czech Republic; e-mail: jiri.vavra@ostrmuz.cz

Cacotemnus thomsoni (Kraatz, 1881). Moravia bor., Jeseníky Protected Landscape Area, Vrbno pod Pradědem env., Skalní potok Nature Reserve (5869), 25.vi.–19.vii.2020, 1 ♀, in window trap on dead Norway spruce (*Picea abies*), in old-growth mixed forest (Figs 1–2) with occurrence of *Ceruchus chrysomelinus* (Hochenwarth, 1785) (Coleoptera: Lucanidae) and *Xestobium austriacum* Reitter, 1890 (Coleoptera: Ptinidae), J. Kašák leg., det. et coll., J. Vávra revid.

Boreo-montane species distributed in central, northern and eastern Europe, reaching the Caucasus (Georgia) and East Siberia in the east (Zahradník 2007, Barnouin et al. 2019). In central Europe known from Austria, Czech Republic, Germany, Poland, Slovakia, and Switzerland (Zahradník 2007, Chittaro & Sanchez 2019). In the Czech Republic, known in Bohemia only from an old record from Kralupy nad Vltavou (Pleticha 1916), which was disputed by Zahradník (2013). There is also only one old record from Moravia, from Paskov, reported by Reitter (1901), later repeated by Kolbe (1913) and Horion (1961). This record is also disputable, considering recent knowledge of the ecology of *C. thomsoni*. It is a rare saproxylic species restricted to natural mountain forests. Larvae develop in sapwood and thick bark of dead conifers, especially *Picea abies* (Eckelt & Kahlen 2012). Confirmed occurrence in the Czech Republic after more than 100 years.

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Fig. 1. Habitat of the rare saproxylic ptinid beetle *Cacotemnus thomsoni* (Kraatz, 1881): old-growth montane mixed forest with a large amount of dead coniferous wood in the Skalní potok Nature Reserve near Vrbno pod Pradědem (Hrubý Jeseník Mts., Czech Republic). Photograph by Josef Kašák (27.vi.2020).

Obr. 1. Biotop vzácného saproxylického červotoče *Cacotemnus thomsoni* (Kraatz, 1881): starý smíšený les v horách s velkým množstvím odumřelého dřeva jehličnanů v přírodní rezervaci Skalní potok u Vrbna pod Pradědem (Hrubý Jeseník, Česká republika). Fotografie Josef Kašák (27.VI.2020).

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Fig. 2. Female of *Cacotemnus thomsoni* (Kraatz, 1881) from the Skální potok Nature Reserve near Vrbno pod Pradědem (Hrubý Jeseník Mts., Czech Republic). Photograph by Jan Sitek.

Obr. 2. Samice *Cacotemnus thomsoni* (Kraatz, 1881) z přírodní rezervace Skální potok u Vrbna pod Pradědem (Hrubý Jeseník, Česká republika). Fotografie Jan Sitek.