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FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 460

Hymenoptera: Sphecidae

Chalybion californicum (Saussure, 1867). Moravia centr., Olomouc (6469), 24.v.2018, 1 ♀, captured in a room with open windows on the 3rd floor at No. 12 Komenského Street, P. Cabáková leg., M. Veselý det., J. Macek revid., coll. M. Veselý. Distribution: native to the USA, southern Canada (Southern Alberta, Ontario, Quebec) and northern Mexico (Jalisco, Baja California); also recently reported from Peru (Lima), Brazil (Rio Grande do Sul), Bermuda and Howland Island (Staples & Walcott 2018). In Europe so far only two adults (1 ♂, 1 ♀) have been collected, in Orebič and Makarska, Croatia (Mei & Boščik 2016), however there are more observations of the species from Croatia and Italy (P. Bogush, in litt.; M. Mei, in litt.). Except for the female collected in Olomouc, several other individuals were observed flying around walls in the neighbouring Blahoslavova Street. According to Rau (1928), *C. californicum* does not build its own nests but usually uses the nests of another American wasp *Sceliphron caementarium* (Drury, 1773) (Sphecidae), which has been introduced into Europe in the past, but the only reliable record from the Czech Republic comes from southern Moravia (Popelka 2015). However, the related and autochthonous species *Sceliphron destillatorium* (Illiger, 1807) builds almost identical nests. This species occurs in the vicinity of Olomouc (Lukáš et al. 2006), thus we expect that its nests may be utilized by *C. californicum*. Occasional exploitation of the nests of other wasp species by *C. californicum* has been described by Kurczewski (2004). New species for the Czech Republic.

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Fig. 1. *Chalybion californicum* (Saussure, 1867), habitus dorsally, female from Olomouc, captured at 24.v.2018.
Obr. 1. *Chalybion californicum* (Saussure, 1867), habitus dorzálně, samice odchycená v Olomouci 24.V.2018.