
FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 354

Orthoptera: Gryllidae

Modicogryllus frontalis (Fieber, 1844). Bohemia: Tušimice (5646), fly ash deposit of the Tušimice Power Plant, 50°22'25"N, 13°20'59"E, 330 m a.s.l., 25.–26.vi.2010, 1 ♀, yellow pan trap, R. Tropek lgt., P. Kočárek det. et coll. This xerothermophilous species of successional-young habitats is distributed from France through southern Europe and the southern part of Central Europe to western Asia (Kočárek et al. 2005). All its historical and recent records from the Czech Republic were reviewed by Holuša et al. (2013). Recently it is known from southern Moravia (Holuša et al. 2013), but it also occurred on extremely warm slopes in central Bohemia and the České středohoří hills (Čejchan 1981). However, it has not been found in Bohemia since the 1980s and it was thus evaluated as regionally extinct (Holuša et al. 2013). As with our record, all recent localities in Moravia are post-industrial sites (clay- and sand-pits) (Holuša et al. 2013). It was also not recorded during an entomological survey of natural steppe-like grasslands of Běšický chochol, a Site of Community Importance that closely adjoins the Tušimice Power Plant (Tropek et al. 2009). These facts indicate that this species could be at present restricted to the human-made habitats, confirming their conservation potential for various arthropods (Tropek & Řehounek 2012). Confirmed occurrence in Bohemia after at least 30 years.

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