

## First record of *Dolichovespula adulterina* (Hymenoptera: Vespidae) from Romania

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**Abstract.** First record of the social wasp *Dolichovespula adulterina* (Buysson, 1905) from Romania is given. The distribution of this species in southern Europe is discussed.

**Key words.** Hymenoptera, Vespidae, *Dolichovespula*, Romania, faunistics, new record

*Dolichovespula adulterina* (Buysson, 1905) is a Holarctic social wasp distributed in the entire Europe (except extreme south), Caucasus, Turkey, Kyrgyzstan, Kazakhstan, Siberia, Mongolia, Sakhalin, Japan, and North America (CARPENTER & KOJIMA 1997, DUBATOLOV & MILKO 2004). CARPENTER & KOJIMA (1997) mentioned France, Italy and Caucasus as the southern limit of its distribution in Europe. However, several finds from southern Europe were published in regional journals and only in languages of former Yugoslavia. PAVLOVIĆ (1957) published records from Bosnia and Herzegovina and ČETKOVIĆ (1988, 1996) from Serbia and Montenegro. Četković studied and revised social wasps of the Balkan Peninsula including the former Yugoslavia, Albania, Greece, the European part of Turkey, Bulgaria, and the southeast part of Romania. He also treated some most interesting species from Italy, Austria, Hungary, Slovakia, Czech Republic and the rest of Romania. He confirmed the occurrence of *D. adulterina* only in four countries of the northern part of the Balkan Peninsula – Serbia, Montenegro, Bosnia and Herzegovina, and Croatia (ČETKOVIĆ 2002).

While studying the private collection of Pavel Průdek (Brno, Czech Republic), I have found the following specimen: **ROMANIA:** Maramureș Mts., 3 km S of Borsa, 1100 m a.s.l., 11.viii.1988, 1 ♂, S. Malý leg., L. Dvořák det., P. Průdek coll.

Although the Maramureș Mts. are in northern Romania (north of the localities in the former Yugoslavia), this finding provides an interesting addition to the knowledge of the distribution of this wasp. In the western Palaearctic, the southern distribution limit of *D. adulterina* is in France, northern Italy, Bosnia and Herzegovina, Serbia, and Montenegro (CARPENTER & KOJIMA 1997, ČETKOVIĆ 2002). East of those localities are records from northern Romania (this paper), Turkey, Russian and Georgian Caucasus (CARPENTER & KOJIMA 1997), Kyrgyzstan,

and south-eastern Kazakhstan (DUBATOLOV & MILKO 2004). All localities in the south-western Palaearctic are at high altitudes. Thus the distribution of *D. adulterina* has a boreoalpine character.

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