

Record of *Mantis religiosa* (Mantodea: Mantidea) in NNM Švařec (Czech Republic, Bohemian-Moravian Highlands)

Nález *Mantis religiosa* (Mantodea: Mantidea) na území NPP Švařec

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Abstract: *Mantis religiosa* (Linnaeus, 1758) was found in the National Natural Monument Švařec (Czech Republic, Bohemian-Moravian Highlands, land register Koroužné, Nat. grid No. 6464). This locality is situated on the north-west border of the continuous distribution of this xerothermophilous species in Moravia.

Abstrakt: V práci je popsán nález *Mantis religiosa* (Linnaeus, 1758) na území Národní přírodní památky Švařec (Českomoravská vrchovina, kat. Koroužné, 6464). Tato lokalita leží na severovýchodní hranici souvislého rozšíření tohoto xerothermofilního druhu na Moravě.

Key words: *Mantis religiosa*, expansion, Czech Republic

Praying mantis (*Mantis religiosa*) (Linnaeus, 1758) is a xerothermophilous species distributed in Europe, Asia, Africa and Australia (Bazyluk 1960, Hanák et Hudeček 2001). It is native in Moravia in the Czech Republic (Chládek 1998; Hanák et Hudeček 2001). It appears to have been introduced to Bohemia, having been found only on one locality in South Bohemia (Hanák et Hudeček 2001).

Material: National Natural Monument Švařec (Nat. grid. No. 6464), land register Koroužné, 2004 ix. 11: 1 female observed.

The northernmost published localities of the occurrence of *M. religiosa* in the Czech Republic so far are in Silesia – Jeseník, Zlatohorská vrchovina (5769) (Lemon 1998 in Hanák et Hudeček 2001) and Opava (6072, 6073) (for both see Hanák et Hudeček 2001). The possibility of migration from the Poland is discussed in these cases (Hanák et Hudeček 2001). Velký Kosíř Hill, Čelechovice na Hané (6468) (Piszkiwitz et al. 2000) is the northernmost known permanently occupied locality of its continuous distribution in Moravia.

In the Bohemian-Moravian Highlands, this species has been reported from Kuřimská Nová ves (6663) (Nenadál 1995), Tišnov-Květnice (6664) and Mohelno (6863) (both see Hanák et Hudeček 2001). The finding of *M. religiosa* in the NNM Švařec occurs on the north-west border of its continuous distribution in the Czech Republic. Increasing records of this species on Bohemian-Moravian Highlands and Central Moravia supports the hypothesis that *M. religiosa* has expanded northwards over the last few years (Chládek 1998, Hanák et Hudeček 2001).

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