

Vespoidea: Formicidae (mravencovití)

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Abstract. Checklist of Formicidae of the Czech Republic and Slovakia is presented: 105 species (including one indoor species) are known from the Czech Republic (82 from Bohemia, and 101 from Moravia), and 108 species (including one indoor species) are known from Slovakia. *Ponera testacea* Emery, 1895 is new species for the Czech Republic and Slovakia; *Tetramorium hungaricum* Rösler, 1935, *Temnothorax jailensis* (Arnol'di, 1970), and *Formica foreli* Bondroit, 1918 are new for Slovakia. Species with uncertain distribution, although mentioned in the list, were not count toward the total number of species. Inclusion of newly recorded species and exclusion of species reported by incorrect and dubious references together with taxonomical corrections based on actual knowledge were implied in the paper.

Key words. Hymenoptera, Formicidae, checklist, new records, Czech Republic, Bohemia, Moravia, Slovakia

Introduction

The family Formicidae includes about 300 genera belonging to 20 extant subfamilies (ENGEL & GRIMALDI 2005). More than 12.000 species have been described worldwide (AGOSTI & JOHNSON 2007). As thermophiles, ants are distributed mainly in the tropical and subtropical regions, where species richness and abundance of this family may be overwhelming (HÖLLDOBLER & WILSON 1990, AGOSTI et al. 2000). More than 600 ant species belonging to 8 subfamilies occur in Europe

Čeď *Formicidae* obsahuje okolo 300 rodů klasifikovaných do 20 recentních podčeďí (ENGEL & GRIMALDI 2005). Dopusud bylo z celého světa popsáno více než 12 000 druhů (AGOSTI & JOHNSON 2007). Mravenci jsou teplomilní, a tak jsou rozšířeni především v tropických a subtropických krajích, kde bývá jejich druhová rozmanitost a množství ohromující (HÖLLDOBLER & WILSON 1990, AGOSTI et al. 2000). V Evropě se vyskytuje více než 600 druhů mravenců, řazených do