

Distribution and ecology of the rare polypore *Pycnoporellus fulgens* in the Czech Republic

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Untill 1998, the rare polypore *Pycnoporellus fulgens* (Fungi, Basidiomycetes, *Polyporaceae*) was known in the Czech Republic from 5 localities situated in northeastern Moravia and Silesia. No records from Bohemia (western part of the Czech Republic) were known. At present, 11 localities from Bohemia and 6 from Moravia and Silesia are known, which means that the species has spreaded rapidly in Bohemia during the last 7 years. The fungus occurs almost exclusively on old decaying trunks in natural forests minimally influenced by man (mostly nature reserves) composed of *Fagus*, *Abies* and *Picea*. It was found mainly in August and September on *Picea*, less frequently on *Fagus* and *Abies*. Most records are situated in submontane and montane belts (alt. 500-1000 m), however, two finds are from areas with climatic inversion (deep stream valleys) in the hilly country. The reported finds from Bohemia fill the gap between the previously known distribution areas in southern Germany and in the Western Carpathians in Moravia, Silesia, Poland and Slovakia. They show that *Pycnoporellus fulgens* is currently well established in Central Europe.

Key words: lignicolous fungi, *Polyporaceae*, natural forests