

Fructification and sporulation of *Laetiporus sulphureus* in the urban environment

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Basidiocarps of sulphur fungus *Laetiporus sulphureus* (Bull.: Fr.) Murrill were produced from May to October in 1–4 waves in three model towns of Nitra, Žilina and Zvolen in Slovakia during 1984–1986 and 1991–1992. Basidiospores were released in two main waves (May–June and August–September). The mean of measured values was 6.5×10^2 basidiospores discharged from 1 mm² of hymenophor in the course of 24 hours.

Key words: *Laetiporus sulphureus*, urban ecosystems, sporulation, fructification

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V priebehu rokov 1984–1986 a 1991–1992 sa sledovala fruktifikácia a uvoľňovanie bazídiospór trúdnika *Laetiporus sulphureus* (Bull.: Fr.) Murrill v Žiline, Nitre a vo Zvolene. Plodnice sa tvoria v 1–4 produkčných vlnách a bazídiospóry sa uvoľňujú v dvoch hlavných vlnách (máj–jún a august–september). Z 1 mm² hymenoforu sa za 24 hodín priemerne uvoľní 6.5×10^2 bazídiospór.