

***Rubroboletus satanas f. crataegi*, validly published name
for xanthoid form of *Rubroboletus satanas***

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The name *Rubroboletus* is a validly published generic name for the group of boletes including *Boletus satanas*. Its xanthoid form, *Boletus satanas f. crataegi*, is validly transferred to the genus *Rubroboletus* with the aim of correcting two invalid earlier attempts.

Key words: *Boletus satanas*, nomenclature, taxonomy.

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Janda V., Kríž M. (2016): *Rubroboletus satanas f. crataegi*, platně publikované jméno pro xanthoidní formu hříbu satana. – Czech Mycol. 68(1): 109–110.

Jméno *Rubroboletus* je platně publikované rodové jméno pro skupinu hřibů zahrnující *Boletus satanas*. Xanthoidní forma tohoto druhu, *Boletus satanas f. crataegi*, je platně převedena do rodu *Rubroboletus* s cílem opravit dva neplatné dřívější pokusy.

NOMENCLATORIAL NOVELTY

Rubroboletus satanas f. crataegi (Smotl. ex Antonín & Janda) Janda & Kríž,
comb. nov.

(Mycobank MB817333)

Basionym: *Boletus satanas f. crataegi* Smotl. ex Antonín & Janda, Acta Mus. Moraviae, Sci. Biol. (Brno) 92: 212 (2007).

Synonyms: *Boletus crataegi* Smotl., Přehled hub: 70 (1935), nom. inval.

≡ *Boletus crataegi* Smotl., Atlas hub jedlých a nejedlých: 189 (1947), nom. inval.

≡ *Boletus crataegi* Smotl., Mykol. Sborn. 29: 32 (1952), nom. inval.

≡ *Boletus crataegi* Smotl. ex Hlaváček, Mykol. Sborn. 75: 6 (1998), nom. inval.

≡ *Suillellus satanas f. crataegi* (Smotl.) Blanco-Dios, Index Fungorum 211: 1–2 (2015), nom. inval.

≡ *Rubroboletus satanas f. crataegi* (Smotl.) Mikšík, Index Fungorum 260: 1 (2015), nom. inval.

Rubroboletus satanas f. *crataegi* is a xanthoid form of *R. satanas* (Lenz) Kuan Zhao & Zhu L. Yang, which differs from the typical form by partial or total absence of red pigments in pileus and especially stipe, and its yellow to orange-red pores (for further details, see Antonín & Janda 2007, Šutara et al. 2009).

The name *Boletus crataegi* was repeatedly introduced by Smotlacha (1935, 1947, 1952), however, invalidly in all cases. Antonín & Janda (2007) discussed nomenclatural problems of the name in detail and designated a holotype to validate the epithet '*crataegi*'. Based on their findings they also transferred this taxon to the rank of form as *Boletus satanas* f. *crataegi* Smotl. ex Antonín & Janda.

Blanco Dios (2015) [Blanco-Dios] proposed a new combination, *Suillillus satanas* f. *crataegi*. However, his combination is not validly published because of a reference to the invalid basionym *Boletus crataegi* Smotl., Mykol. Sborn. 29: 32, 1952 (Smotlacha 1952). "Mikšík" (2015) [Mikšík in fact] also published a new combination for the taxon in question – *Rubroboletus satanas* f. *crataegi*. His proposal is understandable as *Boletus satanas* Lenz was transferred to the genus *Rubroboletus* Kuan Zhao & Zhu L. Yang (Zhao et al. 2014). However, his intended novelty refers to the invalid name *Boletus crataegi* Smotlacha 1952 again.

Therefore, the combination *Rubroboletus satanas* f. *crataegi* is validly published here.

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