

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

VÁCLAV JANDA<sup>1\*</sup>, MARTIN KRÍŽ<sup>2</sup>

<sup>1</sup>Ondříčkova 29, CZ-130 00 Praha 3, Czech Republic; janda.vaclav@gmail.com

<sup>2</sup>National Museum, Mycological Department, Cirkusová 1740, CZ-193 00 Praha 9, Czech Republic;  
mmartin.kriz@seznam.cz

\*corresponding author

Janda V., Kríž M. (2016): *Rubroboletus satanas f. crataegi*, validly published name for xanthoid form of *Rubroboletus satanas*. – Czech Mycol. 68(1): 109–110.

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.

**Article history:** received 24 May 2016, revised 30 May 2016, accepted 31 May 2016, published online 6 June 2016.

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.

#### ACKNOWLEDGEMENTS

This work was financially supported by the Ministry of Culture of the Czech Republic (DKRVO 2016/08, National Museum, 00023272).

#### REFERENCES

- ANTONÍN V., JANDA V. (2007): Notes on xanthoid form of *Boletus satanas* (Basidiomycota, *Boletaceae*): taxonomic status of *Boletus crataegi* Smotl. – Acta Musei Moraviae, Scientiae Biologicae (Brno) 92: 211–215.
- BLANCO-DIOS J. B. (2015): Nomenclatural novelties. – Index Fungorum no. 211: 1–2.
- MIKŠÍK ("MIKŠÍK") M. (2015): Nomenclatural novelties. – Index Fungorum no. 260: 1.
- SMOTLACHA F. (1935): Přehled hub [Survey of Fungi]. – 160 p., Čsl. mykologická společnost, Praha. [in Czech]
- SMOTLACHA F. (1947): Atlas hub jedlých a nejedlých [Atlas of edible and inedible mushrooms]. – 297 p., Melantrich, Praha. [in Czech]
- SMOTLACHA F. (1952): I. Sluneční hříby (Boleti solares) [I. Sun boletes (Boleti solares)]. – Mykol. Sborn. 29: 29–33. [in Czech]
- ŠUTARA J., MIKŠÍK M., JANDA V. (2009): Hřibovité houby. Čeleď *Boletaceae* a rody *Gyrodon*, *Gyroporus*, *Boletinus* a *Suillus* [Boletoid fungi. Family *Boletaceae* and genera *Gyrodon*, *Gyroporus*, *Boletinus* and *Suillus*]. – 296 p., Academia, Praha. [in Czech]
- ZHAO K., WU G., YANG Z.L. (2014): A new genus, *Rubroboletus*, to accommodate *Boletus sinicus* and its allies. – Phytotaxa 188(2): 61–77. DOI 10.11646/phytotaxa.188.2.1.