

Remarks on the nomenclature of *Buchwaldoboletus lignicola* (Kallenb.) Pil.

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S z c z e p k a M. Z.: *Remarks on the nomenclature of Buchwaldoboletus lignicola* (Kallenb.)
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The author performed a review of the nomenclature concerning the fungus *Buchwaldoboletus lignicola* and proved that the name *Pulveroboletus lignicola* (Kallenb.) Pil. commonly encountered in the literature not a correct one. None of the uncountered names are correct.

Buchwaldoboletus lignicola (Kallenb.) Pil. is a rare species of *Boletaceae*. It occurs in Europe, South and East Asia, North America (S z c z e p k a 1981), and North Africa (B e r t a u l t 1979). That species was included among numerous genera, i.e. *Boletus*, *Xerocomus*, *Phlebopus*, *Gyrodon*, *Pulveroboletus*, and *Buchwaldoboletus*. According to M o s e r (1978) and S i n g e r (1981), the genus *Buchwaldoboletus* represented by two species, *B. lignicola* and *B. hemichrysus*, should be included in the genus *Pulveroboletus*. In such a situation it is necessary to set in order the nomenclature of *B. lignicola*, and especially to estimate the correctness of the name *Pulveroboletus lignicola* (Kallenb.) Pil. which is generally used in the literature.

Many authors, especially European ones, who wrote about that species (i.e. S i n g e r 1967, 1975; M o s e r 1967, 1978; M i c h a e l, H e n n i g 1971; K u t h a n, Š e d i ý y 1971; D o l l 1975; K r e i s e l 1975; N a k h u c r i š v i l i 1975, 1981; B r e s i n s k y, H a a s 1976; P e g l e r 1977; C e t t o 1978; J u h á s z 1979; D ä h n c k e, D ä h n c k e 1980; W i l h e l m 1980; K r i e g l s t e i n e r 1981, 1982; S a m g i n a

1981; Stojčev 1982; Hardtke, Wähner 1983) mentioned it under the name *Pulveroboletus lignicola* (Kallenb.) Pil., which is not correct. Justification: In the year 1965, A. Pilát and E. A. Dick and W. H. Snell acting one independent of the other, placed *Boletus lignicola* Kallenb. in the genus *Pulveroboletus*. Pilát proposed another combination, which appeared on July 15 (the date is given in „Česka mykol.” No. 4/1965). Dick and Snell proposed the same combination, which appeared on June 3 (the date is given in „Mycologia” No. 4/1965). Thus, the priority belongs to Dick and Snell (1965) and the correct name is only that of *Pulveroboletus lignicola* (Kallenb.) Dick and Snell in *Mycologia* 57: 451. 1965.

Kuthan (1967) reported the finding of *Buchwaldoboletus lignicola* in Czechoslovakia and mentioned it under the name *Phlebopus lignicola* (Kallenb.) Singer. The name *Phlebopus lignicola* (Kallenb.) Singer is also mentioned by Michael and Hennig (1960), Schier and Pieschel (1962), and Zerova, Rozhenko and Cherep (1975). However, Singer (1947), who placed the closely related species *Boletus sulphureus* Fr. in the genus *Phlebopus* but did not make a similar combination for *Boletus lignicola* Kallenb. That combination was only proposed by Moser: Moser (1955) on page 31 gives the basonym (*Boletus lignicola* Kbh.), number of the plate (25), and on page 6 the title of Kallenbach's work. According to Intern. Code of Botanical Nomencl. adopted in 1975 (International Code ... 1978) a page, and a date of publication of a basonym should be quoted, too. However, the combination proposed by Moser (1955) is incompletely (There are not the page and the correct date of publication of the basonym: „Kallenbach F. 1929. Die Röhrlinge (Boletaceae). No. 15. *Boletus lignicola* sp.n. in Die Pilze Mitteleuropas I: 57”) the discussed taxon is clearly indicated.

Berta ult (1979) reports on the occurrence of *Buchwaldoboletus lignicola* in Morocco and mentions it under the name *Pulveroboletus lignicola* (Kchbr.) Pilát 1965 = *Buchwaldoboletus* Pilát 1974. This is thrice erroneous because the species discussed was described by Kallenbach (1929); in the genus *Pulveroboletus* it was placed by Dick and Snell (1965); the new genus *Buchwaldoboletus* was created by Pilát in 1969.

Pilát (1965) gave information about a paper by Watling (1964) who was said to have reported that species from Great Britain under the name *Phleboporus lignicola* (Kallenb.) Moser. This name is erroneously quoted in the paper written by Pilát (1965). No such name is found with Watling (1964), who used the correct name *Phlebopus lignicola* (Kallenb.) Moser.

Reid (1966) in an annotation on page 7 submits the information about a paper written by Schwinte (1965) in which a new combination was used, i.e. *Ixocomus lignicola* (Kallenb.) Schwinte. Reid's information is erroneous

because Schwinte was not the author of that combination, and it was not he who placed *Boletus lignicola* Kallenb. in the genus *Ixocomus*. That combination was proposed by K o n r a d and M a u b l a n c (1952).

S k i r g i e l l o (1975) submits information on *Buchwaldoboletus lignicola* which is mentioned by her under the name *Pulveroboletus lignicola* (Kallenb.) Moser; she also gives the name *Pulveroboletus lignicola* (Kallenb.) Pil. as a synonyme. It is true that Moser was the author of one of the combinations placing *Boletus lignicola* Kallenb. in the genus *Phlebopus* (M o s e r 1955), but was not the author of this combination. Skirgiello gives the name *Xerocomus lignicola* Sing. as a synonyme of *Phlebopus lignicola* (S k i r g i e l l o 1960), and as a synonyme of *Pulveroboletus lignicola* (S k i r g i e l l o 1975), too. This is erroneous because the correct name is *Xerocomus lignicola* (Kallenb.) Sing. in Ann. Mycol. 40: 43. 1942.

K r i e g l s t e i n e r (1981) gives the name *Buchwaldoboletus lignicola* Pilát as a synonyme of *Pulveroboletus lignicola*. This is erroneous because the correct name is *Buchwaldoboletus lignicola* (Kallenb.) Pil.

A complete list of the synonyms concerning *Buchwaldoboletus lignicola* (K a l l e n b.) P i l. is submitted in the another author's paper (S z c z e p k a 1981).

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Uwagi o nomenklaturze *Buchwaldoboletus lignicola* (Kallenb.) Pil.

Streszczenie

Autorem dokonano przeglądu nazewnictwa *Buchwaldoboletus lignicola* (Kallenb.) Pil. Wykazał, że spotykana powszechnie w literaturze nazwa *Pulveroboletus lignicola* (Kallenb.) Pil. nie jest poprawna, podobnie jak szereg innych nazw: *Ixoconus lignicola* (Kallenb.) Schwinte, *Phleboporus lignicola* (Kallenb.) Moser, *Phlebopus lignicola* (Kallenb.) Singer, *Pulveroboletus lignicola* (K a l l e n b.) M o s e r, *Xeroconus lignicola* Singer, *Buchwaldoboletus lignicola* Pilát.

Addendum

The name *Suillus lignicola* (author sp. the combination?) is mentioned by Peltier (1968, Acta Mycol. 4: 265-274) and Alessia (1982, Mycol. Ital. 11: 5-16). It is not correct name.