

The nomenclature of *Septoria humuli* – a case of confusion and misinterpretation

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Abstract: Braun, U. & Bensch, K. 2017: The nomenclature of *Septoria humuli* – a case of confusion and misinterpretation. *Schlechtendalia* **32**: 79–80.

The complicated nomenclature of *Septoria humuli* in relation to *Phloeospora humuli* is discussed in detail and disentangled.

Zusammenfassung: Braun, U. & Bensch, K. 2017: Die Nomenklatur von *Septoria humuli* – ein Fall von Verwirrung und falscher Deutung. *Schlechtendalia* **32**: 79–80.

Die komplizierte Nomenklatur von *Septoria humuli* im Verhältnis zu *Phloeospora humuli* wird im Detail diskutiert und entwirrt.

Key words: *Septoria*, *Humulus*, naming

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Mycobank (<http://www.mycobank.org/>) is an important basal reference database for the nomenclature and taxonomy of fungi. This database is permanently updated including continuous attempts to verify and, if necessary, correct the nomenclature of older names from the 18th to 20th century. The nomenclature of *Septoria humuli* is a case in point. *Septoria humuli* is a common, frequently used name for a coelomycetous ascomycete causing a leaf-spot disease on *Humulus lupulus*, but the nomenclature of this species is confusing and unclear. Saccardo (1884) cited Kickx (1867) as reference for this species. Teterevnikova-Babayana (1987) used the name “*Septoria humuli* (Lasch) Westend. (1845)” although the name *Ascochyta humuli* Lasch was not cited by Westendorp (1845), and he did not introduce *Septoria humuli* but *Phloeospora humuli* (“40. *Phlæospora humuli* Nob. – *Septoria humuli* West. in litt.”). Priest (2006) cited “*Septoria humuli* Westend., 1845: 252” which is, however, incorrect since *Septoria humuli* was just cited as synonym (in litt.) and not simultaneously published as alternative name in the sense of the Code (see Art. 36.2). Index Fungorum used “*Septoria humuli* Westend., Les Cryptogames, Classés d'après leurs Stations Naturelles: 151, 1854” as reference (in this publication the name “*S. humuli* Westend.” is cited without any description). Westendorp (in Kickx 1867: 428) published “*Septoria humuli* West. Not. I, p. 16” and added a description. “Not. I” is a reference to Westendorp (1845), which is regarded as Westendorp’s “Notices sur quelque cryptogames, I” which was also distributed as separate publication with pagination of its own (see Stafleu & Cowan 1976). Hence, Westendorp (in Kickx 1867) referred to *Phloeospora humuli* Westend. (Westendorp 1845), i.e., *Septoria humuli* has to be considered a combination based on *Phloeospora humuli*, which reflects Westendorp’s intention to treat his species described in 1845 as *Septoria*. However, his publication in Kickx (1867) had not been the first attempt to transfer *Phloeospora humuli* to *Septoria*. His first citation as *S. humuli* dates back to 1848 (in Herb. Crypt. Belg. no. 188). Although the basionym *Phloeospora humuli* was not cited on the label of this exsiccatum (see Fig. 1), the proposed name *S. humuli* can be interpreted as combination based on his previous name, i.e., with indirect reference to Westendorp (1845: 252) [according to Art. 38.14 and 41.3]:

Septoria humuli (Westend.) Westend., Herb. Crypt.: no. 188, 1848.

Basionym: *Phloeospora humuli* Westend., Bull. Acad. Roy. Sci. Bruxelles **12**(2): 252, 1845.

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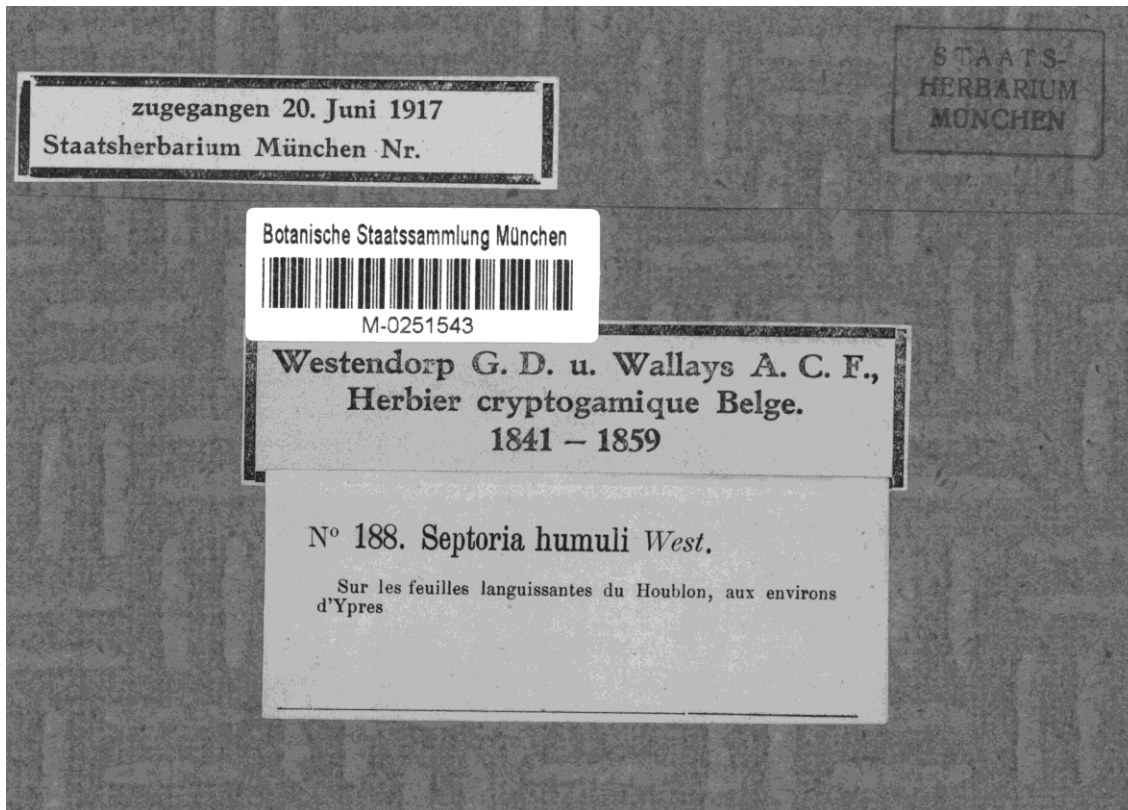


Fig. 1: *Septoria humuli* (Westend.) Westend., original label of Westendorp's, Herb. Crypt. 188, issued in 1848.

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