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Validation of *Basidiophora simplex*

Marco THINES

Abstract: Thines, M. 2014: Validation of *Basidiophora simplex*. Schlechtendalia **28**: 39–40.

Basidiophora has been considered monotypic until recently, when it was revealed that several distinct lineages exist in this genus. As a consequence, *Peronospora simplex*, previously regarded as a synonym of *Basidiophora entospora*, has been proposed as a new combination in *Basidiophora*. However, the authors did not provide a species identifier of a recognised repository for the new combination, *Basidiophora entospora*. Thus, this combination is validated in the current manuscript by providing the corresponding MycoBank accession number.

Zusammenfassung: Thines, M. 2014: Validierung von *Basidiophora simplex*. Schlechtendalia **28**: 39–40.

Basidiophora wurde bis vor kurzem, als aufgezeigt wurde, dass in dieser Gattung mehrere verschiedene Linien vorhanden sind, als monotypisch angesehen. In der Folge dieser Entdeckung wurde vorgeschlagen, die zuvor als Synonym von *Basidiophora entospora* angesehene Art *Peronospora simplex* in die Gattung *Basidiophora* zu kombinieren. Jedoch gaben die Autoren dabei für die neue Kombination, *Basidiophora simplex*, keine Registrierungsnummer einer anerkannten Artendatenbank an. Daher wird diese Neukombination im vorliegenden Manuskript durch die Angabe der entsprechenden MycoBank Registrierungsnummer validiert.

Key words: *Basidiophora*, new combination, validation.

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Introduction

Basidiophora Roze & Cornu was mostly though to be a monotypic genus in the most species-rich group of oomycetes, the downy mildews (Constantinescu 1998). However, the unusually wide host range reported for this pathogen led Sökücü & Thines (2014) to investigate the phylogenetic relationships of *Basidiophora* specimens from a variety of hosts. It was revealed that there are several independent lineages in the genus *Basidiophora*, corresponding to specific hosts. One of these lineages corresponded to a previously described species, *Peronospora simplex* (Peck 1879) on *Symphyotrichum novae-angliae* (L.) G.L. Nesom., which had before been considered as a synonym of *Basidiophora entospora* Roze & Cornu, assuming a broad host range of the latter species. In the light of the phylogenetic investigations of Sökücü & Thines (2014) this hypothesis could not be upheld, and thus the new combination, *Basidiophora simplex* (Peck) Sökücü & Thines was proposed. However, as no identifier issued by a recognized repository for taxonomic novelties (ICN, Art. 42.1) had been provided in Sökücü & Thines (2014), the new combination has not been validly published. Thus, the new combination is validated by providing a MycoBank accession number in this publication.

Taxonomy

Basidiophora simplex (Peck) Sökücü & Thines, **comb. nov.**

MycoBank, MB810808

Basionym – *Peronospora simplex* Peck, Annual Report on the New York State Museum of Natural History 31: 45 (1879).

First proposed without MycoBank accession number by these authors in Mycological Progress 13: 1140 (2014).

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Literature

Constantinescu, O. 1998: A revision of *Basidiophora* (*Chromista*, *Peronosporales*). Nova Hedwigia **66**: 251–265.

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