

Verrucaria breussii, a new name for *Verrucaria sorbinea* Breuss

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Abstract: DIEDERICH, P. & VAN DEN BOOM, P. 2011. *Verrucaria breussii*, a new name for *Verrucaria sorbinea* Breuss. – Herzogia 24: 145–146.

The name *Verrucaria sorbinea* Breuss is recognized as a later homonym of *Verrucaria sorbina* Nyl. ex Hulting. As both species are distinct, a new name, *Verrucaria breussii* Diederich & van den Boom, is proposed here to replace *Verrucaria sorbinea* Breuss.

Zusammenfassung: DIEDERICH, P. & VAN DEN BOOM, P. 2011. *Verrucaria breussii*, ein neuer Name für *Verrucaria sorbinea* Breuss. – Herzogia 24: 145–146.

Der Name *Verrucaria sorbinea* Breuss wird als späteres Homonym von *Verrucaria sorbina* Nyl. ex Hulting erkannt. Da beide Arten verschieden sind, wird für *Verrucaria sorbinea* Breuss der neue Name *Verrucaria breussii* Diederich & van den Boom eingeführt.

Key words: Nomenclature, Verrucariaceae.

Over ten years ago, both authors discovered a new species of *Verrucaria*, corticolous on *Sorbus domestica* and *Quercus ilex* in Luxembourg and Spain (Mallorca). Our friend, Dr Othmar Breuss (Vienna), kindly confirmed that the material represents a new species, and eventually described it as the new *Verrucaria sorbinea* Breuss, choosing the Luxembourg collection as the holotype (BREUSS 1998). This author was aware of a similar name, *V. sorbicola* Servít, distinguished from *V. sorbinea* by ascomata with a distinct involucrellum and slightly broader ascospores ($23\text{--}29 \times 12\text{--}16 \mu\text{m}$, versus $23\text{--}26 \times 10\text{--}12.5 \mu\text{m}$) (see identification key and comments in BREUSS 1998: 833–835). However, he obviously missed the existence of a further similar name, *Verrucaria sorbina* Nyl. ex Hulting. The two epithets *sorbina* and *sorbinea* are so similar that they must be considered as homonyms (see ICBN, Art. 53.3, Ex. 6, where *Eschweilera* and *Eschweileria* are said to be homonyms). Furthermore, considering STEARN (1985: 309), *sorbinea* means “resembling *Sorbus*”, and this is surely not what Breuss intended to say, whilst *sorbina* is the right word (meaning “belonging to *Sorbus*”). Therefore, Breuss’ epithet *sorbinea* should be considered as a typographical mistake for *sorbina* and might thus be corrected to *sorbina*. As a consequence, a new name has to be introduced for *Verrucaria sorbinea* Breuss. As this is an uncommon and rarely reported species, a conservation of Breuss’ name under Art. 14 of the ICBN is unlikely to be accepted.

Verrucaria sorbina Nyl. ex Hulting, described from Sweden on *Sorbus aucuparia*, is a synonym of *Normandina acroglypta* (Norman) Aptroot (APTROOT 1998).

Verrucaria breussii Diederich & van den Boom, **nom. nov.**
for *Verrucaria sorbinea* Breuss, Linzer Biol. Beitr. **30**: 832 (1998).

Type: Luxembourg, Gutland, Larochette, alt. 370 m, on *Sorbus domestica*, 1 February 1998, P. Diederich 13482 (LG – holotype; hb. Diederich, LI, W – isotypes).

Not: *Verrucaria sorbina* Nyl. ex Hulting, Bih. Kongl. Svenska Vetensk.-Akad. Handl. **26/III(3)**: 21 (1900); syn. *Thelidium sorbinum* (Nyl. ex Hulting) Hulting, Bih. Kongl. Svenska Vetensk.-Akad. Handl. **26/III(3)**: 84 (1900).

References

- APTROOT, A. 1998. Aspects of the integration of the taxonomy of lichenized and non-lichenized pyrenocarpous Ascomycetes. – *Lichenologist* **30**: 501–514.
- BREUSS, O. 1998. Drei neue holz- und borkenbewohnende *Verrucaria*-Arten mit einem Schlüssel der bisher bekannten Taxa. – *Linzer Biol. Beitr.* **30**: 831–836.
- STEARNS, W. T. 1985. *Botanical Latin*. New Edition. – Trowbridge: Redwood Burn Ltd.

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