

Outlineoffungi.org - Note 1514 *Paranthracobia*

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Paranthracobia Van Vooren & Valade

The monotypic genus *Paranthracobia* was introduced by Van Vooren & Valade (2023) under *Pyronemataceae* (*Pezizales*, *Pezizomycetidae*, *Pezizomycetes*, *Pezizomycotina*, *Ascomycota*) to accommodate *Paranthracobia rehmii* (Brumm.) Valade & Van Vooren according to morphology and molecular data using ITS and LSU sequences. *Anthracobia rehmii* Brumm. reclassified to *Paranthracobia rehmii* (Brumm.) Valade & Van Vooren (Vooren & Valade 2023; Brummelen 1984). In the genus *Paranthracobia*, the ascomata are epigeous and apothecial, featuring a sessile, slightly cupuliform to discoid shape with coloration that can be whitish, pale greyish, orangish, or ochre-brown, adorned with small brown hairs. The excipulum consists of a two-layered structure, with a textured medullary layer and an ectal layer. The hairs are \pm superficial, septate, with a simple base, short, straight. Ascospores are uniseriate, ellipsoid or fusoid in shape, and smooth, with asci that are operculate and eight-spored. This saprobic species thrives on burnt substrates, though its asexual morph remains unknown (Van Vooren & Valade 2023). The type species is infrequently documented and can be found in burnt soil and charcoal, occasionally growing on the mature ascomata of *Rhizina undulata*. It has been recorded in France, Germany, Norway, and Ukraine (Van Vooren & Valade 2023).

Reference

- Van Vooren N., Valade F. 2023 – Exploring the European *Trichophaea*-like discomycetes (*Pezizales*) using morphological, ecological and molecular data. Part 4: new insights in *Trichophaea* s. str. and *Paranthracobia* gen. nov. *Ascomycete.org*, 15 (4), 113–134.
- Brummelen J. (van). 1984 – Notes on cup fungi – 2. *Persoonia*, 12 (3), 327–334.

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