

## Outlineoffungi.org - Note 1121 *Constrictochalara*

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### *Constrictochalara* W.P. Wu & Y.Z. Diao

In their study on *Chalara*-like *Leotiomyces*, Wu & Diao (2023) proposed three new genera within *Hamatocanthoscyphaceae* viz. *Constrictochalara*, *Cylindrochalara* and *Stipitochalara*. *Constrictochalara* was introduced for the type species *C. clavatospora*, along with *Chalara constricta*, *C. ellisii*, *C. holubovae*, and *Hamatocanthoscypha podocarpi*, grouped together as a strongly supported monophyletic clade distinct from other *Chalara*-like fungi (Wu & Diao 2023). Morphologically all five species shared some similarities such as solitary, simple and short conidiophores, an abrupt transition from venter to collarette and marked by a pronounced and dark-colored constriction, and hyaline, aseptate conidia with obtuse to truncate ends (Wu & Diao 2023). Two other species without DNA sequence data share a similar morphology and may also belong in *Constrictochalara*, *Chalara novae-zelandiae* and *C. verruculosa* (Wu & Diao 2023). Phylogenetically *Constrictochalara* is also closely related to *Infundichalara*, but morphologically differs from it by tubular-shaped collarettes and endogenous conidia, while collarettes in *Infundichalara* are more or less funnel-shaped, and conidia are ellipsoidal and not endogenous (Wu & Diao 2023).

### Reference

Wu W, Diao Y. 2023 – The *Chalara*-like anamorphs of *Leotiomyces*. *Fungal Diversity* 119(1), 213–490. <https://doi.org/10.1007/s13225-023-00515-6>

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