

Outlineoffungi.org - Note 1125 *Cylindrochalara*

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Cylindrochalara W.P. Wu & Y.Z. Diao

The monotypic genus *Cylindrochalara* was introduced to accommodate *C. hyalocuspica*, originally described as *Chalara hyalocuspica*, a species isolated as a saprotroph on a needle of *Picea abies* in the Czech Republic (Wu & Diao 2023, Koukol 2011). Koukol (2011) inferred a wider host and geographical range for *C. hyalocuspica* based on ITS sequences (e.g., endophytes of *Pinus monticola* in the USA, roots of *Calluna vulgaris* in Germany, and roots of *Picea abies* in Germany). *Cylindrochalara hyalocuspica* forms a clade with *Infundichalara microchona*, *Constrictochalara*, and other *Hamatocanthoscyphaceae* taxa that form chalara-like asexual morphs. Morphologically, *C. hyalocuspica* is almost indistinguishable from its closest relative, *I. microchona*, by the absence of septate conidiophores and its collarete that is slightly pigmented except for the hyaline apex.

References

- Koukol O. 2011 – New species of *Chalara* occupying coniferous needles. *Fungal Diversity* 49, 75–91. <https://doi.org/10.1007/s13225-011-0092-2>
- 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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