

## Outlineoffungi.org - Note 823 *Pseudoceratocladium*

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### *Pseudoceratocladium* Hern. -Restr. & Crous

Hernández-Restrepo et al. (2022) introduced *Pseudoceratocladium* to accommodate *P. polysetosum* (J. Mena et al.) Hern-Restr. & Crous ( $\equiv$  *C. polysetosum*), which was described on the bark of an unidentified tree from Spain (Mena-Portales et al. 2011). The asexual morph of the genus has simple, septate, brown, smooth primary setae, paler towards the ends, arising from the superficial hyphae and verrucose at the tip; simple, septate, brown, smooth secondary setae, paler toward the ends, originating from the climbing fertile hyphae and projected more or less at right-angles along primary setae and verrucose at the tip; discrete, lateral from fertile hyphae, polyblastic, sympodial and percurrent, ampulliform or lageniform, subhyaline to pale brown, smooth conidiogenous cells; solitary, dry, conidia forming clusters around the apex of the conidiogenous cells, aseptate, cylindrical or fusiform with rounded ends, mostly straight or slightly curved, hyaline, smooth-walled (Mena-Portales et al. 2011). No sexual morphs of the genus are described. *Pseudocircinotrichum* and *Neogyrothrix* are sister clades for *Ceratocladium* based on phylogenetic analysis using ITS, LSU and RPB2 sequence data. The taxonomic placement of *Pseudoceratocladium* is in *Gyrotrichaceae*, *Xylariales*, *Xylariomycetidae*, *Sordariomycetes*, *Pezizomycotina*, and *Ascomycota*.

### References

- Hernández-Restrepo M, Decock CA, Costa MM, Crous PW. 2022 – Phylogeny and taxonomy of *Circinotrichum*, *Gyrothrix*, *Vermiculariopsiella* and other setose hyphomycetes. *Persoonia* 49, 99–135. <https://doi.org/10.3767/persoonia.2022.49.03>
- Mena-Portales J, Hernández-Restrepo M, Minter DW, Gené J. 2011 – A new species of *Ceratocladium* from Spain. *Mycological Progress* 10, 493–496.

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