

Outlineoffungi.org - Note 824 *Pseudocircinotrichum*

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Pseudocircinotrichum Hern. -Restr. & Crous

Pseudocircinotrichum was introduced by Hernández-Restrepo et al. (2022) as a monospecific genus, with its type *P. papakurae* (S. Hughes & Piroz.) Hern. -Restr. & Crous (≡ *Circinotrichum papakurae*). The genus is characterized by branched and anastomosed, smooth-walled, septate, subhyaline to pale olivaceous hyphae; simple, erect, straight, smooth, thick-walled setae, dark brown near the base, paler above, gradually tapering to an acutely pointed apex; with relatively few, scattered, obclavate to lageniform, thin-walled, subhyaline conidiogenous cells arising laterally from the superficial hyphae; and cylindrical to fusoid, straight or slightly curved, base subulate and apex bluntly corniform, hyaline conidia adhering together to form a whitish pellicle at the base of setae (Hughes & Pirozynski 1971, [Hernández-Restrepo et al. 2022](#)). No sexual morphs are recorded. *Pseudocircinotrichum papakurae* was described from decaying leaves of *Beilschmiedia taraire* (New Zealand), on rotten leaf (Brazil), and on leaf of *Theobromae cacao* (Cuba) ([Hernández-Restrepo et al. 2022](#)). *Xenoanthostomella* and *Pseudoceratocladium* are sister clades for *Pseudocircinotrichum* based on phylogenetic analysis using ITS, LSU and RPB2 sequence data provided. The taxonomic placement of *Pseudoceratocladium* is in *Gyrotrichaceae*, *Xylariales*, *Xylariomycetidae*, *Sordariomycetes*, *Pezizomycotina*, and *Ascomycota*.

Reference

- 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>
- Hughes S, Pirozynski KA. 1971 – New Zealand Fungi 15. *Beltraniella*, *Circinotrichum* and *Gyrothrix* (Syn. *Peglionia*). *New Zealand Journal of Botany* 9, 39–45.

Entry by

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