

Outlineoffungi.org - Note 1120 *Cochlearomycetaceae*

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Cochlearomycetaceae Crous

Cochlearomycetaceae was described by Crous et al. (2017) including two genera, *Cochlearomyces* and *Satchmopsis*. Both genera are known only from their morphologically distinctive asexual states. The LSU phylogeny presented by Crous et al. (2017) showed the type species *Cochlearomyces eucalypti* placed as sister to *Tympanidaceae*, while Johnston (2022) showed a similar position for *Satchmopsis metrosideri* based on LSU and *tub2* sequences. A more thorough phylogenetic analysis with additional genes is needed to better determine the placement of this family amongst the basal clades of *Leotiomyces*.

References

- Crous PW, Wingfield MJ, Burgess TI, Carnegie AJ et al. 2017 – Fungal Planet description sheets: 625–715. *Persoonia: Molecular Phylogeny and Evolution of Fungi* 39, 270. <https://doi.org/10.3767/persoonia.2017.39.11>
- Johnston PR. 2022 – *Leotiomyces* phylogeny updated. *Manaaki Whenua – Landcare Research Datastore*. <https://doi.org/10.7931/gx9a-c781>

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