

Outlineoffungi.org - Note 830 *Harringtonia*

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Harringtonia Z.W. de Beer & Procter

Based on the phylogenetic analysis of combined ITS, LSU, TEF1- α , and RPB2 sequence data, *Harringtonia* was removed from *Raffaelea* as the *R. lauricola* complex and described as a new genus by de Beer et al. (2022) accommodating three species, i.e., *H. aguacate* (D.R. Simmons et al.) M. Procter & Z.W. de Beer, *H. brunnea* (L.R. Batra) M. Procter & Z.W. de Beer, and *H. lauricola* (T.C. Harr. et al.) Z.W. de Beer & M. Procter. Araújo et al. (2022) introduced four new species of *Harringtonia* and currently contains seven species (Index Fungorum 2023). *Harringtonia* species are associated with ambrosia beetles. The genus is typified by *Harringtonia lauricola* which is carried by the beetles and causes a vascular wilt disease in redbay, avocado, and other North American members of the *Lauraceae* family (Araújo et al. 2022). *Harringtonia* is known only from its asexual state, and is characterized by its single or aggregated sporodochia, hyaline, macronematous, semi-macronematous, mononematous conidiophores and hyaline, 1-celled, oblong to ellipsoidal, obovoid conidia (de Beer et al. 2022). The taxonomic placement of *Harringtonia* is in *Ophiostomatales*, *Sordariomycetidae*, *Sordariomycetes*, *Pezizomycotina*, and *Ascomycota*.

References

- de Beer W, Procter M, Wingfield MJ, Marinowicz S, Duong TA. 2022 – Generic boundaries in the *Ophiostomatales* reconsidered and revised. *Studies in Mycology* 101, 57–120. <https://doi.org/10.3114/sim.2022.101.02>
- Araújo JPM, Li Y, Duong TA, Smith ME, Adams S, Hulcr J. 2022 – Four new species of *Harringtonia*: Unravelling the laurel wilt fungal genus. *Journal of Fungi* 8, 613. <https://doi.org/10.3390/jof8060613>

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