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[Scolecofusarium](#) L. Lombard, Sand.-Den. & Crous

[Crous et al. \(2021\)](#) introduced the monotypic genus [Scolecofusarium](#) based on *Atractium ciliatum*. The genus is characterized by red perithecia, cylindrical asci with ellipsoidal, 1-septate, finely spinulose ascospores and a fusarium-like asexual morph with monophialides producing slender and delicate, almost cylindrical macroconidia ([Crous et al. 2021](#)). [O'Donnell et al. \(2022\)](#) believed that [Scolecofusarium](#) belongs to the *Fusarium* clade. However, combined analysis of ITS, LSU, *rpb1*, *rpb2* and *tefl* sequence data revealed that [Scolecofusarium](#) is a unique phylogenetic lineage in *Nectriaceae* ([Crous et al. 2021](#)) and I follow this here. [Scolecofusarium](#) can be clearly differentiated from *Fusarium* by its red, thin-walled perithecia and finely striate ascospores, while *Fusarium* possess dark blue-violet to black, thick-walled perithecia and smooth-walled ascospores ([Crous et al. 2021](#)). [Scolecofusarium ciliatum](#) is a plant pathogen causing branch cankers, as well as an endophyte of mangrove roots and is also associated with scale insects ([Thorati et al. 2016](#); [Crous et al. 2021](#)).

### References

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