

Outlineoffungi.org - Note 1429 *Vasilyeva*

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Vasilyeva S.H. Long, Wijayaw. & Q.R. Li

Li et al. (2023) introduced *Vasilyeva* under *Diatrypaceae* (*Xylariales*, *Xylariomycetidae*, *Sordariomycetes* *Sordariomycetidae*, *Pezizomycotina*, *Ascomycota*) to accommodate a single species based on morphological characteristics and phylogenetic analyses using ITS and β -tubulin sequence data. This genus was typified by *Vasilyeva cinnamomi* S.H. Long, Wijayaw. & Q.R. Li and it was found on wood chips of *Cinnamomum cinnamomi* in China. In the new genus, only the sexual morph has been observed. In the sexual morph, perithecia have a long beak and are circular to oblate. Asci are eight-spored, unitunicate, and clavate to long-cylindrical with allantoid and subhyaline to hyaline ascospores. In the phylogenetic analysis using a concatenated dataset of ITS and β -tubulin sequences, *Vasilyeva* formed a distinct clade (Li et al. 2023).

References

Li QR, Long SH, Lin Y, Wu YP et al. 2023 – Diversity, morphology, and molecular phylogeny of *Diatrypaceae* from southern China. *Frontiers in Microbiology* 14, 1140190.

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