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[Pseudocryptosphaerella](#) S.K. Huang & K.D. Hyde

[Pseudocryptosphaerella](#) was introduced by Huang et al. (2021) to accommodate *P. costaricensis* (Mugambi & Huhndorf) S.K. Huang & K.D. Hyde, *P. cylindriformis* (Mugambi & Huhndorf) S.K. Huang & K.D. Hyde, *P. elliptica* (Mugambi & Huhndorf) S.K. Huang & K.D. Hyde and *P. malindiensis* (Mugambi & Huhndorf) S.K. Huang & K.D. Hyde. This genus is typified by *Pseudocryptosphaerella elliptica*. Initially, Mugambi & Huhndorf (2010) introduced these four species as members of *Cryptosphaerella* (*Scortechiniaceae*). However, *Cryptosphaerella* was removed from *Scortechiniaceae* due to the lack of an important Quellungskörper in ascoma (Huang et al. 2021). These four species are characterized by tuberculate ascomata, sitting in a subiculum, with a central, conical Quellungskörper, lacking ostioles in the ascomata, polysporous asci, and hyaline, ellipsoidal cylindrical to broadly fusiform ascospores (Mugambi & Huhndorf 2010, Huang et al. 2021). The asexual morph is unknown (Mugambi & Huhndorf 2010). The genus is sister to *Neocryptosphaerella*, *Biciliospora*, *Scortechiniella*, and *Scortechiniellopsis* in *Scortechiniaceae* based on multi-gene analysis with LSU, *TEF-1*, and *RPB2* sequence data (Mugambi & Huhndorf 2010, Huang et al. 2021). Thus, Huang et al. (2021) established *Pseudocryptosphaerella* in *Scortechiniaceae* for these four species. There have not been re-collected since they were collected on decaying wood in Kenya. The species of this genus are saprobic on wood.

References

- Huang SK, Hyde KD, Maharachchikumbura SSN, McKenzie EHC, Wen TC. – 2021 Taxonomic studies of *Coronophorales* and *Niessliaceae* (*Hypocreomycetidae*). *Mycosphere* 12(1), 875–992. https://www.mycosphere.org/pdf/MYCOSPHERE_12_1_9.pdf.
- Mugambi GK, Huhndorf SM. – 2010 Multigene phylogeny of the *Coronophorales*: morphology and new species in the order. *Mycologia* 102(1), 185–210. <https://doi.org/10.3852/09-043>.

Entry by

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