

Outlineoffungi.org – Note 1578 *Perichaena*

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Perichaena Fr.

The paraphyletic origin of the genus *Perichaena* was first demonstrated by Walker et al. (2015) and subsequently confirmed by other phylogenies (Feng & Schnittler 2017, Ronikier et al. 2020). According to the latest revision of *Trichiales* (García-Cunchillos et al. 2022) the clade including *P. corticalis*, the type species of the genus (= *Perichaena sensu stricto*) groups eight species (typically with circumscissile peridium dehiscence). Seven of them belong to *Perichaena*; the additional one that was originally described simultaneously in the two genera *Hemitrichia* (*H. agaves*) (Moreno et al. 2000) and *Trichia* (*T. perichaenoides*) (Mosquera et al. 2000) has now been transferred to *Perichaena* (*P. agaves*) by García-Cunchillos et al. (2022). Other species described within this genus *Perichaena* have been transferred to the newly proposed genus *Gulielmina* (long and branched plasmodiocarps) and to the re-erected genus *Ophiotheca* (capillitium covered with spines) (García-Cunchillos et al. 2022), while those not treated by these authors remain in the genus *Perichaena sensu lato* pending revision.

References

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