

Poaceascoma lochii Y.P. Tan, Marney, Bishop-Hurley, Bransgrove & R.G. Shivas, sp. nov.

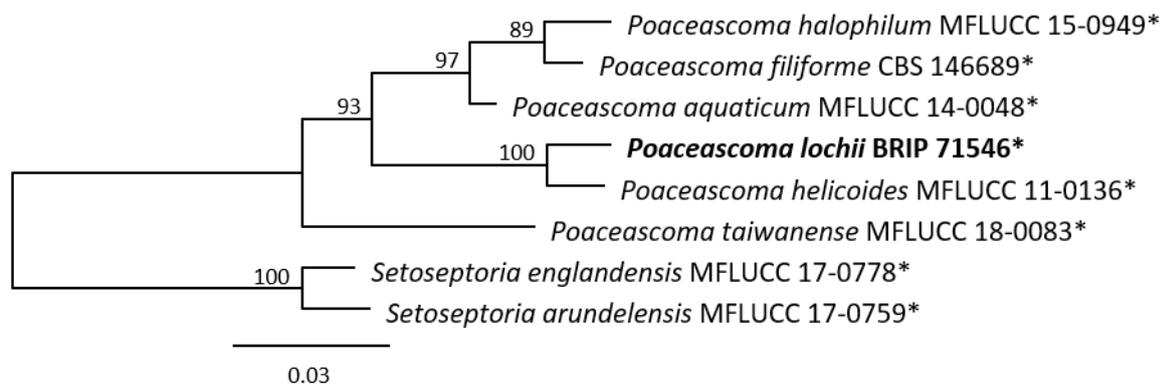
IF558655

Holotype BRIP 71546

Diagnosis: Differs from the closest phylogenetic species, *Poaceascoma helicoides* (as represented by GenBank accessions NR154317 and NG059565) in two loci: ITS Identities = 440/464 (94%) and LSU Identities = 789/794 (99%).

Specimen: Australia, Queensland, Brisbane, from leaves of *Zoysia matrella* (Poaceae), Aug. 2011, T.S. Marney TSM 211; ITS and LSU sequences GenBank MZ616670 and MZ616669, respectively.

Etymology: Named after Donald S. Loch, an eminent Queensland turfgrass researcher, who collected the material from which the ex-type strain was isolated.



Phylogenetic tree of *Poaceascoma* species based on a maximum likelihood analysis of a combined multilocus alignment (LSU and ITS). Analysis was performed on the Geneious Prime 2021 platform using RAxML v.8.2.11, based on the GTR substitution model with gamma-distribution rate variation. Branch lengths are proportional to substitutions per site. *Setoseptoria arundelensis* and *S. englandensis* were used as outgroup. Novel taxon is indicated in bold. Ex-type strains are marked with an asterisk (*).