

Supplementary Table S4 Comparisons of several significant *Tricholomataceae* systems

Sánchez-García et al. (2014)	Vizzini et al. (2016)	Sánchez-García et al. (2021)	Matheny et al. (2024)	Adamčíková et al. (2025)	This study
<i>Leucopaxillus</i>	<i>Leucopaxillus</i>	<i>Leucopaxillus</i>	-	<i>Leucopaxillus</i>	<i>Leucopaxillus</i>
<i>Pseudotricholoma</i>	<i>Pseudotricholoma</i>	<i>Pseudotricholoma</i>	-	<i>Pseudotricholoma</i>	<i>Pseudotricholoma</i>
<i>Tricholoma</i>	<i>Tricholoma</i>	<i>Tricholoma</i>	-	<i>Tricholoma</i>	<i>Tricholoma</i>
pes-caprae clade	<i>Pseudoporpoloma</i>	-	-	-	<i>Pseudoporpoloma</i>
<i>Porpoloma</i>	<i>Porpoloma</i>	<i>Porpoloma</i>	-	<i>Porpoloma</i>	<i>Porpoloma</i>
<i>Dennisiomyces</i>	<i>Dennisiomyces</i>	<i>Dennisiomyces</i>	-	<i>Dennisiomyces</i>	<i>Dennisiomyces</i>
-	-	<i>Corneriella</i> -like	-	-	<i>Corneriella</i>
<i>Corneriella</i>	<i>Corneriella</i>	<i>Corneriella</i>	-	<i>Corneriella</i>	
-	-	<i>Dermoloma</i>	-	<i>Dermoloma</i>	<i>Dermoloma</i>
-	-	<i>Dermoloma</i> -like	-	<i>Neodermoloma</i>	<i>Neodermoloma</i>
<i>Albomagister</i>	-	<i>Albomagister</i>			
Undet small white	-	Undetermined genus	<i>Albomagister</i>	<i>Albomagister</i>	<i>Albomagister</i>
Undet gray scaly	-				
-	-	<i>Pseudobaeospora</i>	-	<i>Pseudobaeospora</i>	<i>Pseudobaeospora</i>