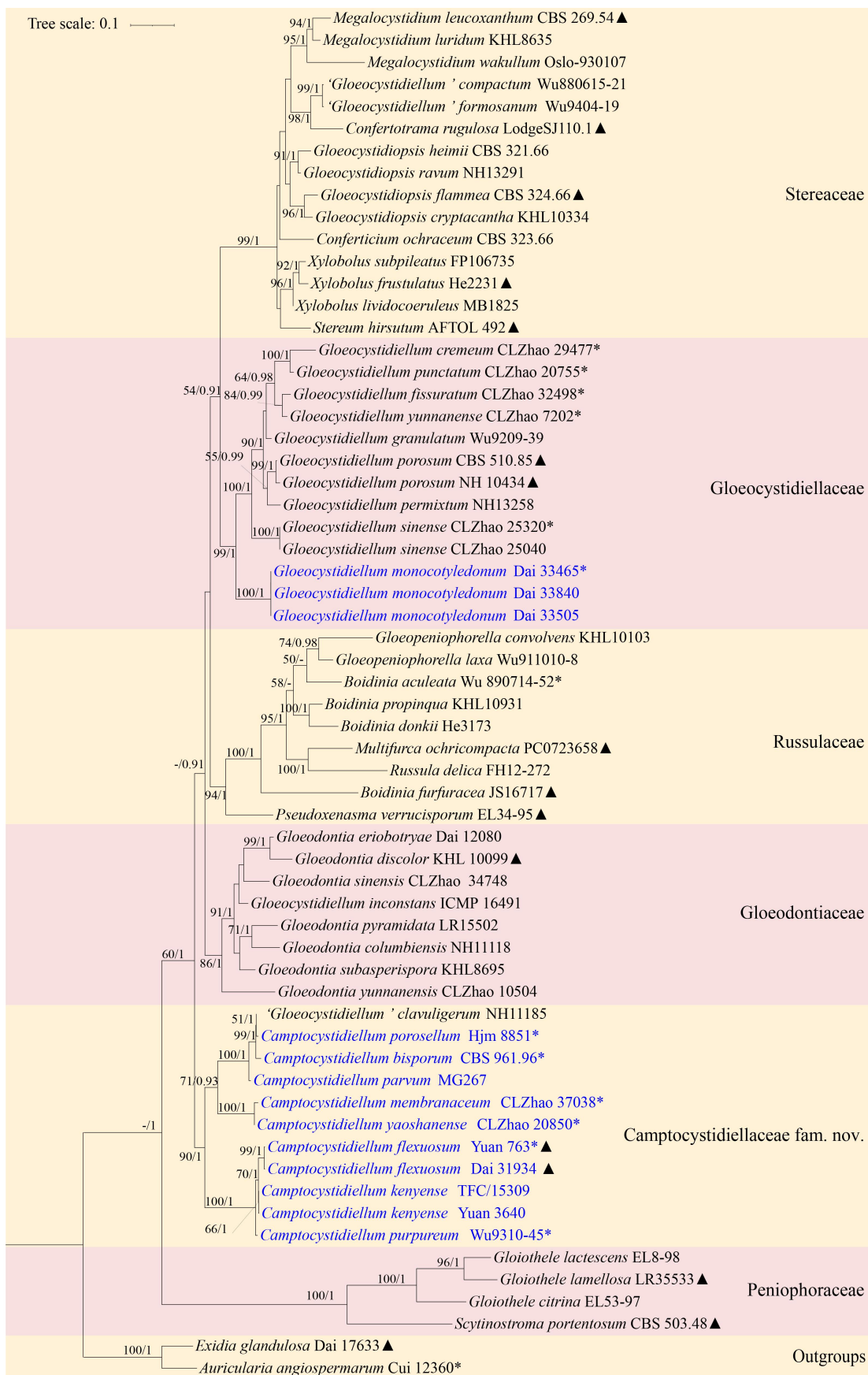




Supplementary Fig. S4 The phylogeny of *Gloeocystidiellum* complex (including species from Camptocystidiellaceae fam. nov., Gloeocystidiellaceae, Peniophoraceae, Russulaceae, and Stereaceae) was reconstructed using Maximum Likelihood analysis of combined ITS+nLSU sequences. Bayesian analysis ran for 10 million generations (ASDSF < 0.01, ESS > 200). Branch nodes are annotated with Bootstrap support ($\geq 50\%$) and Bayesian posterior probabilities (≥ 0.9). Black triangle (▲) = type species; blue = new species/combinations.