

Additional File 4. Posterior probabilities for the speciation models sampled by BPP, using different values for the θ prior. We varied only the θ prior because, contrary to the τ_0 prior, this has been shown to have a strong impact upon the speciation probabilities (references 18 and 19 in main text). We used algorithm 0 with fine-tune $\epsilon = 5$ for this analysis. Speciation model and cell content are as described for Table S3.

speciation model	G(1.5, 1500)	G(1.5, 150)
111111111111	0.939; 0.939	0.988; 0.975
111101111111	0.010; 0.005	0.012; 0.025
111111101111	0.050; 0.061	NS