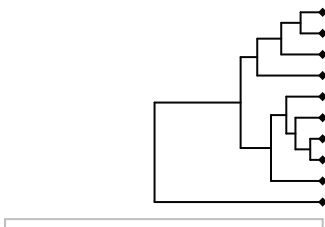
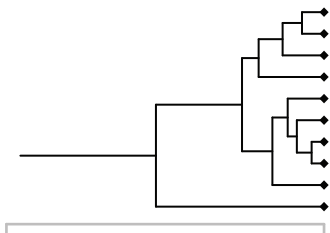


The complete outcome  
of the diversification and  
sampling processes

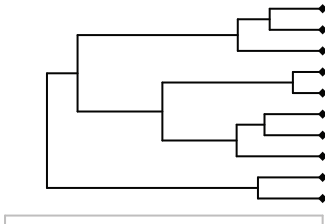
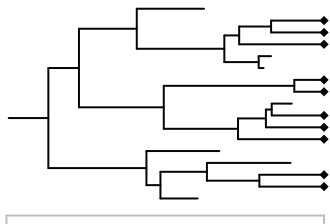
The reconstructed tree

Model parameters



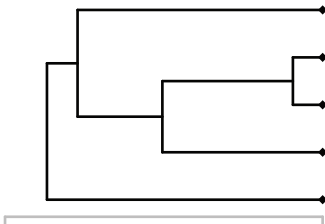
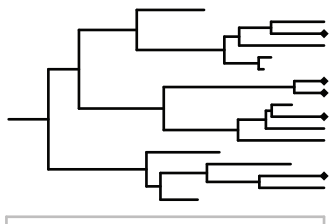
speciation ( $\lambda$ ) = 0.1

Pure birth process



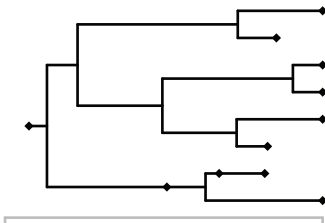
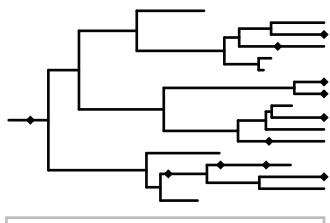
speciation ( $\lambda$ ) = 0.1  
extinction ( $\mu$ ) = 0.05

Birth-death process



speciation ( $\lambda$ ) = 0.1  
extinction ( $\mu$ ) = 0.05  
extant sampling ( $\rho$ ) = 0.6

Birth-death sampling process



speciation ( $\lambda$ ) = 0.1  
extinction ( $\mu$ ) = 0.05  
extant sampling ( $\rho$ ) = 0.6  
fossil recovery ( $\psi$ ) = 0.05

Fossilized birth-death process