

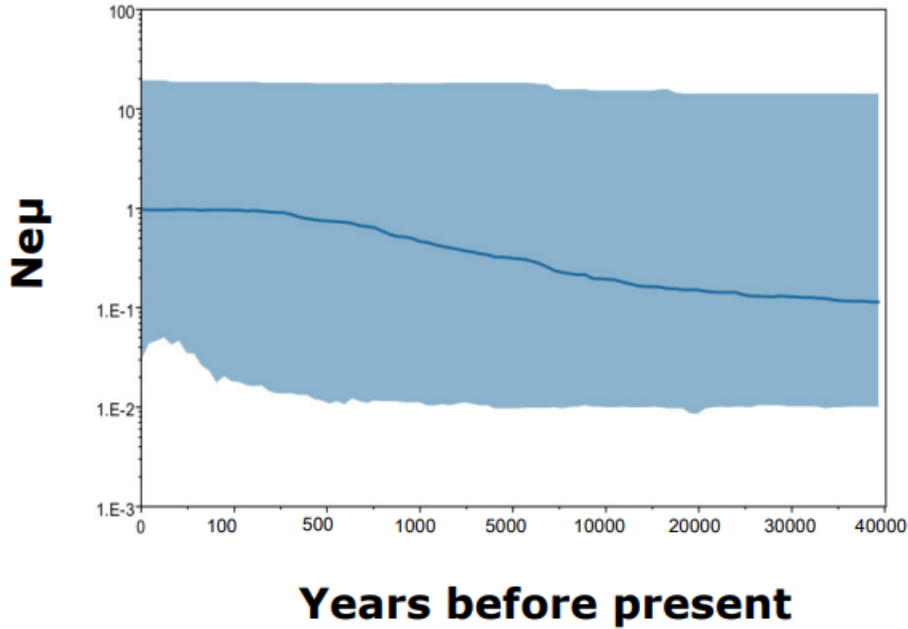


Figure S1: Bayesian skyline plots of the Grassland Biome. The x-axis represents time in units of years and the y-axis represents effective population size as N_e on a log scale. The blue line depicts the median population size, and the shaded areas represent the 95 % highest posterior density intervals.

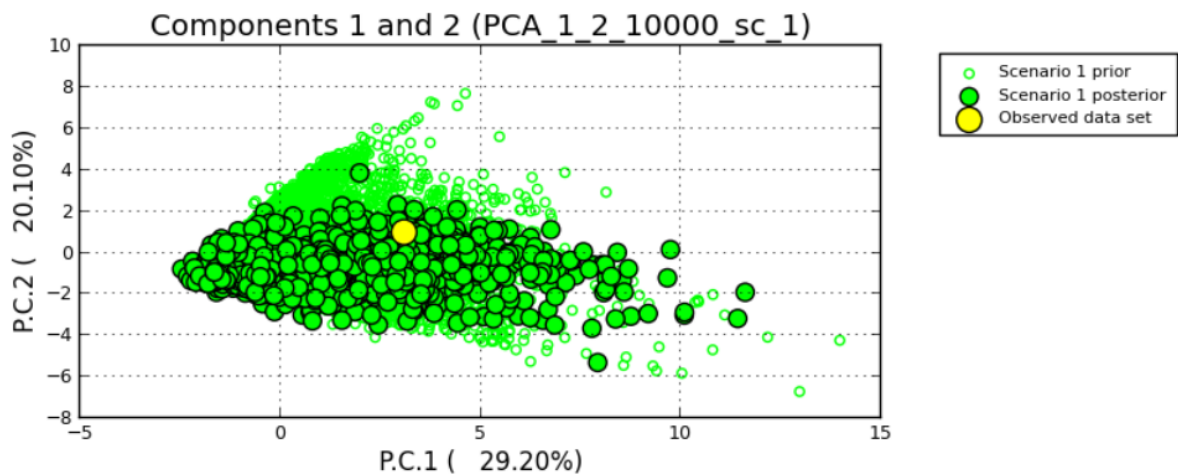


Figure S2: PCA plots for DIYABC model checking. The observed data set (yellow circle) was within the first two axes of PCAs on summary statistics estimated from the posterior predictive distribution of parameters (filled green circle) and simulated prior parameter distribution (open green circle).