Figure S12  Comparison of analytical and simulated sojourn-time densities of $A_1$ for a polymorphic continent. Results are shown for various migration rates $m$ and continental frequencies $q_c$ of $B_1$. Histograms were obtained from $10^6$ simulations (see Methods) and curves give the diffusion approximation under the assumption of quasi-linkage equilibrium, $\hat{t}_{2,\text{QLE}}(p; p_0)$, from Eq. (109). Throughout, $a = 0.02$, $b = 0.04$, $r = 0.1$ and $p_0 = 1/(2N)$ (we assumed $N_e = N$). From the top to the bottom row, the effective population size $N_e$ increases and therefore genetic drift becomes less important. From the left to the right column, the migration rate $m$ increases, making it more difficult for $A_1$ to survive. No simulations were completed for the parameter combination in panel (M), as they were too time-consuming.