Figure S2 Critical recombination rate and invasion of A_1 for a polymorphic continent. Dark grey: invasion of A_1 via the unstable marginal equilibrium E_B; light grey: no invasion of A_1, stable marginal equilibrium E_B. Numerical iterations of invasion dynamics where performed at coordinates indicated by grey symbols (File S2). Different symbols show which equilibrium is reached: • E_+; ○ E_B. Initial values for iterations were $\{p_0, q_0, D_0\} = \{0, \hat{q}_B, 0\}$, where $\hat{q}_B$ is the frequency of B_1 at E_B. The vertical dashed line indicates the pole of the function $r^*(m)$ from Eq. (41). In the left column (A, D, G, and J), the selection coefficients are $a = 0.01$, $b = 0.04$ ($a < b/2$), in the middle column (B, E, H, and K) they are $a = 0.02$, $b = 0.04$ ($a = b/2$), and in the right column (C, F, I, and L) they are $a = 0.03$, $b = 0.04$ ($a > b/2$). From top to bottom, the continental frequency of B_1 increases and takes values of $q_c = 0.01$ in (A)–(C), $q_c = 0.2$ in (D)–(F), $q_c = 0.5$ in (G)–(I), and $q_c = 0.8$ in (J)–(L).

S. Aeschbacher and R. Bürger