



FIGURE 28.12. If heterozygotes have a selective advantage s over either homozygote, a stable polymorphism is maintained. (A) The rate of change of allele frequency is $dp/dT = -spq(p - q)$. There are unstable equilibria at $p = 0, 1$ (red dots) and a stable equilibrium at $p = 0.5$ (purple dot); arrows show the direction of allele frequency change. (B) Allele frequencies converge on the stable equilibrium (dashed line at $p = 0.5$). Time is scaled as $T = st$.