



**FIGURE 28.6.** Provided that the difference in fitness between alleles,  $r_P - r_Q$ , stays the same (as in A), the allele frequency  $p$  follows the standard sigmoid curve over time (B) and is not affected by changing population size,  $n = n_P + n_Q$  (C). (Numbers of alleles P and Q,  $n_P$  and  $n_Q$ , are shown in red and blue, respectively.)