FIGURE 18.8. (A) The distribution of allele frequencies in a balance between mutation and random drift, from Wright’s formula, \( 4N_e \mu = 4N_e \nu = 1/2, 2, 8 \) (purple, blue, and red, respectively). (B) The distribution with selection favoring heterozygotes. Fitnesses of QQ:PQ:PP are \( 1 - sp_e : 1:1 - sq_e \), with selection tending to maintain a polymorphism with \( p_e = 0.3 \) (see Box 17.1). \( 4N_e \mu = 4N_e \nu = 1/2 \) and \( N_e s = 2, 8, 32 \) (purple, blue, and red, respectively).

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