a Genotype - and Allek-frequencies give a description of the current status of a population with respect to a given locus.

What happens from parents to effspring?

Assume: $f(G_0) = P$ of $f(G_2) = q = 1-p$ Random making: (Idealized population of infinite size)

Alleles (G_1 G_2 G_3 G_4 G_4 G_5 G_6 G_7 G_8 G_8 G_8 G_8 G_9 G_9

- Summary: $f(G_1G_1) = p^2$; $f(G_1G_2) = 2p \cdot q$ $f(G_2G_2) = q^2$