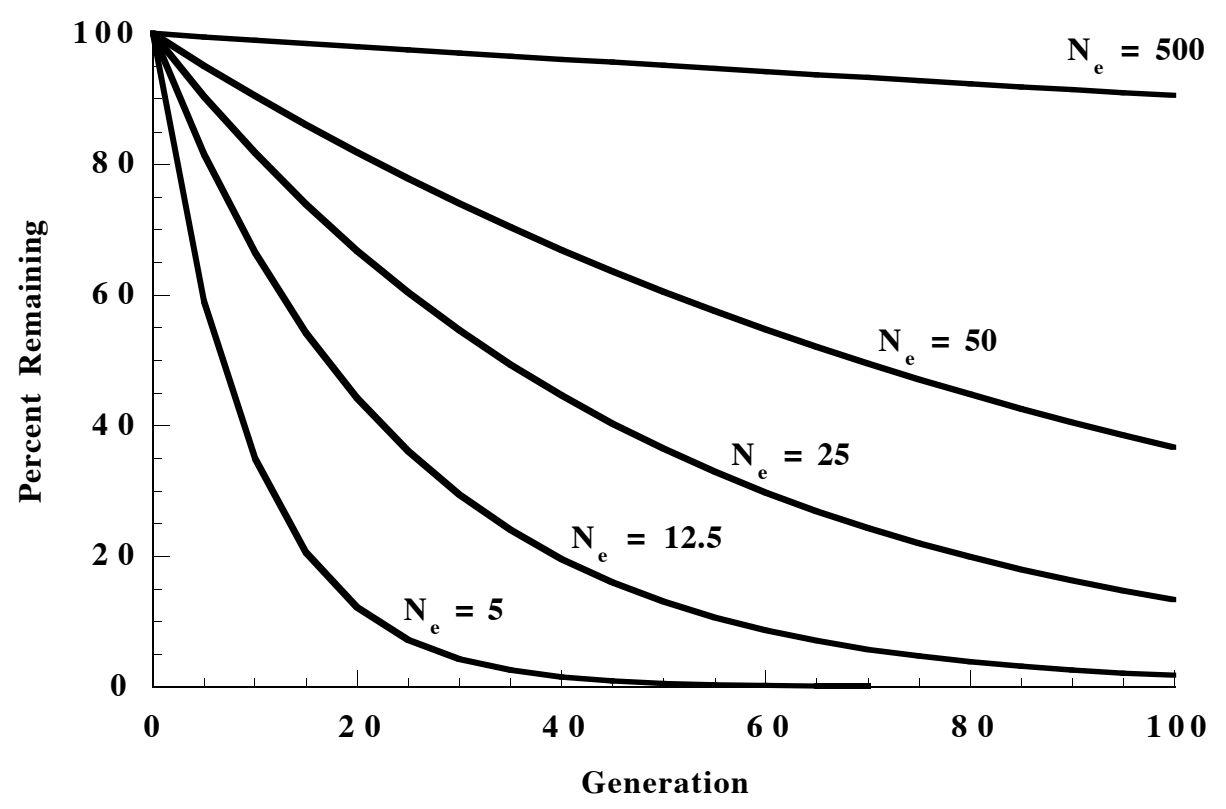
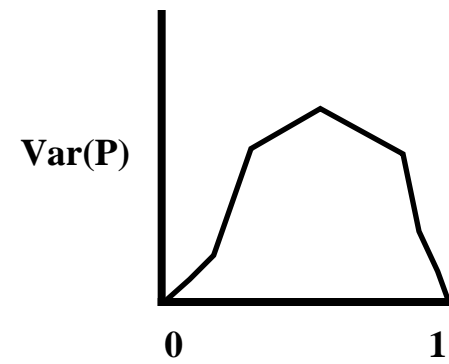
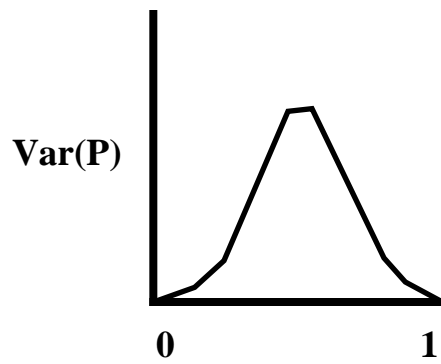
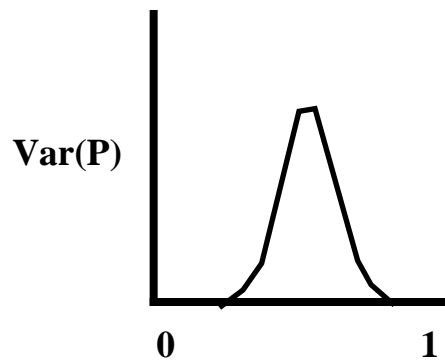
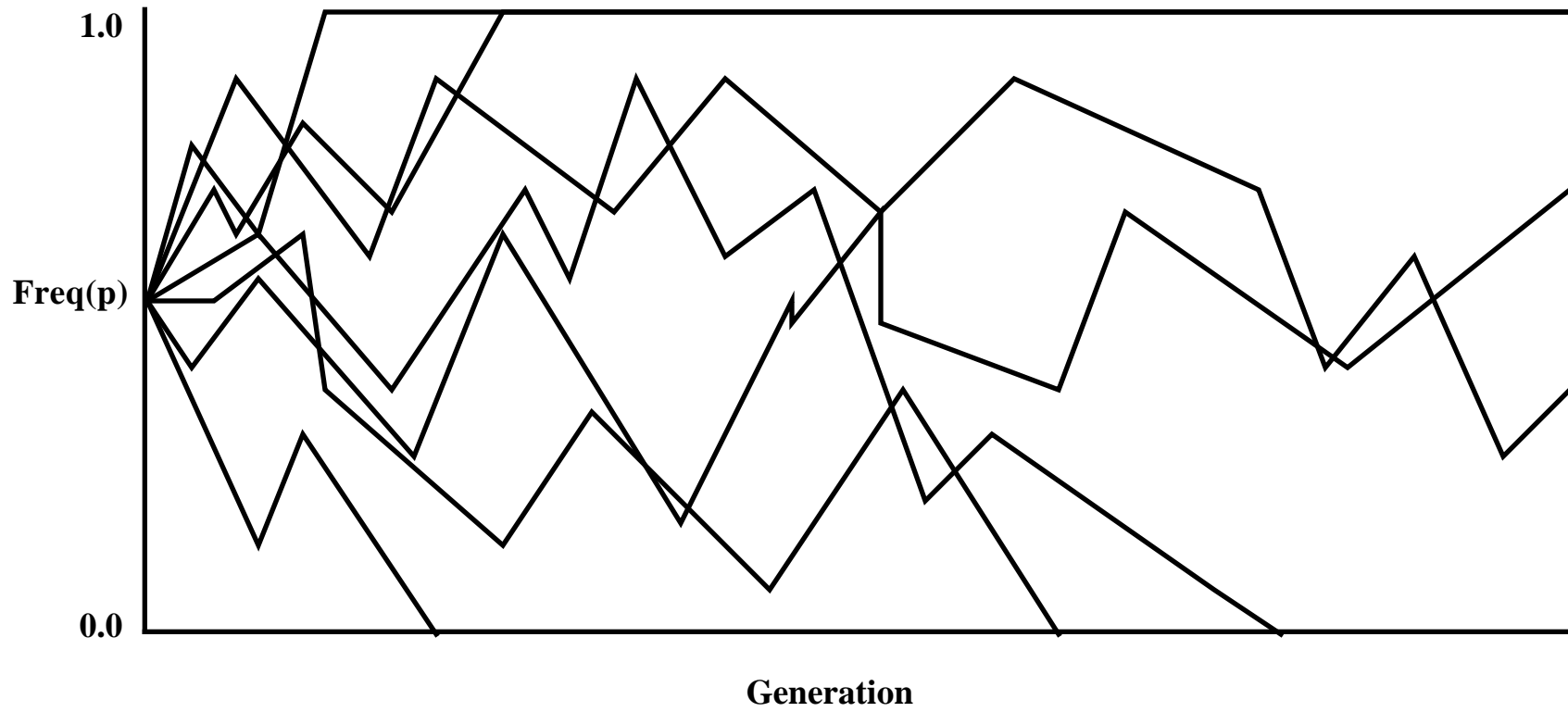


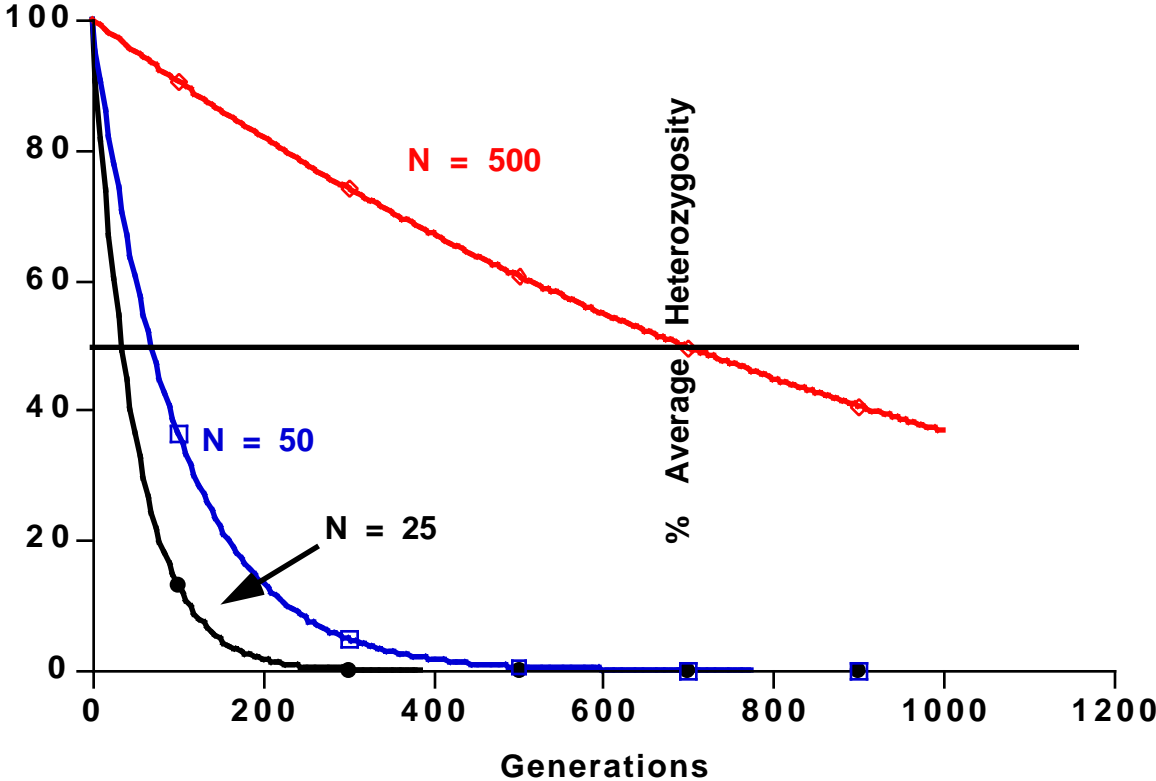
Loss of Original Heterozygosity Over Time Due to Drift



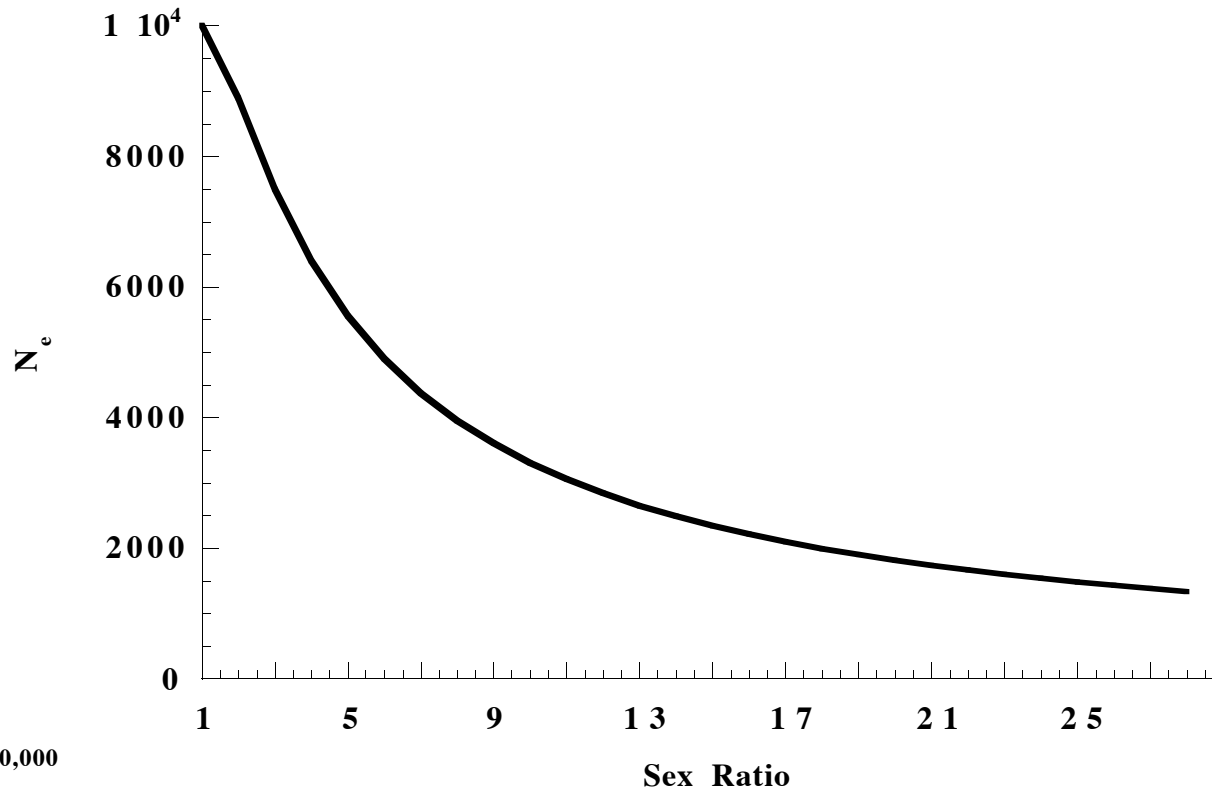
Drift in Finite Populations



Loss of Heterozygosity Over Time Due to Drift

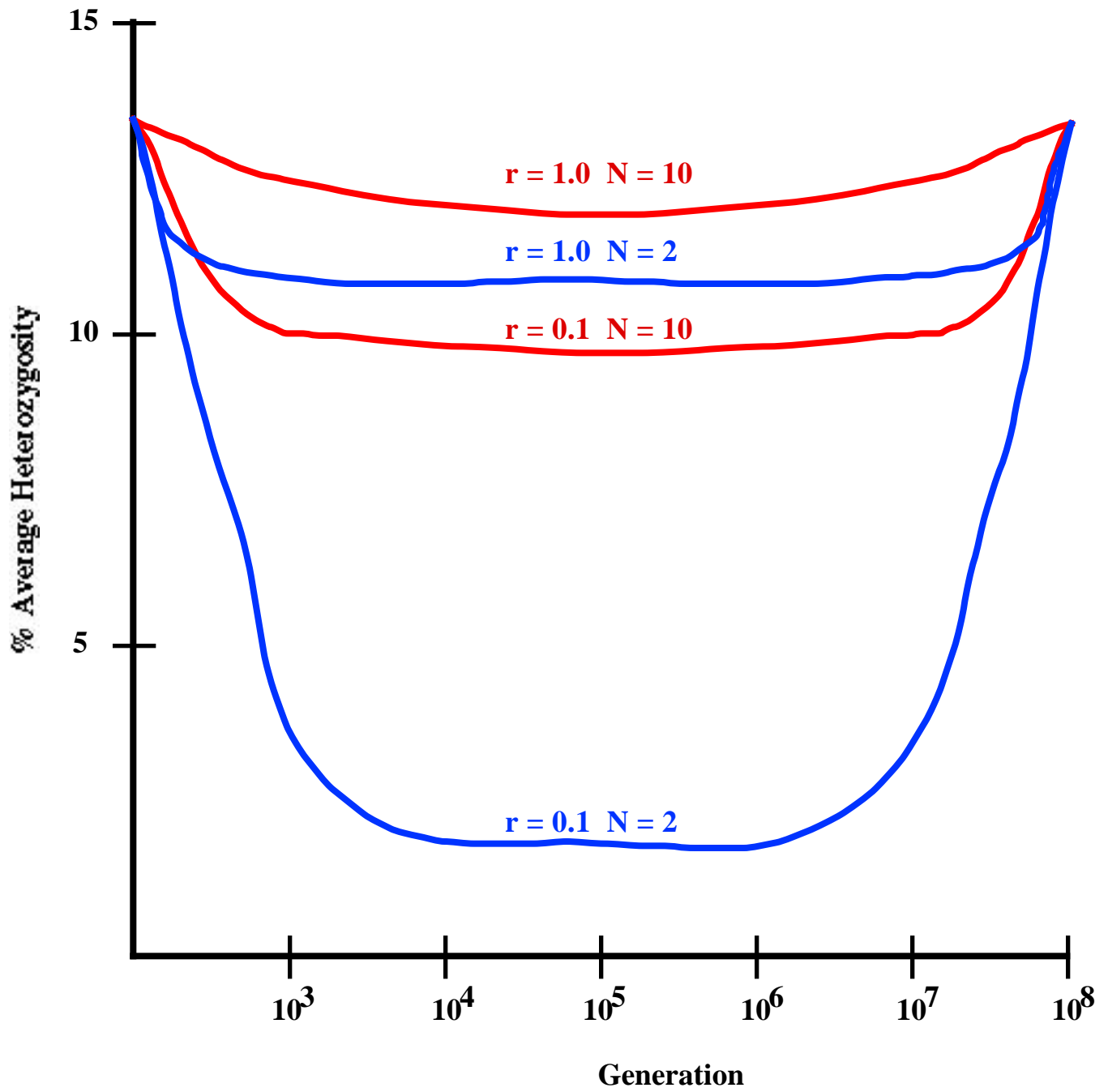


Effective Population Size With Varying Sex Ratio

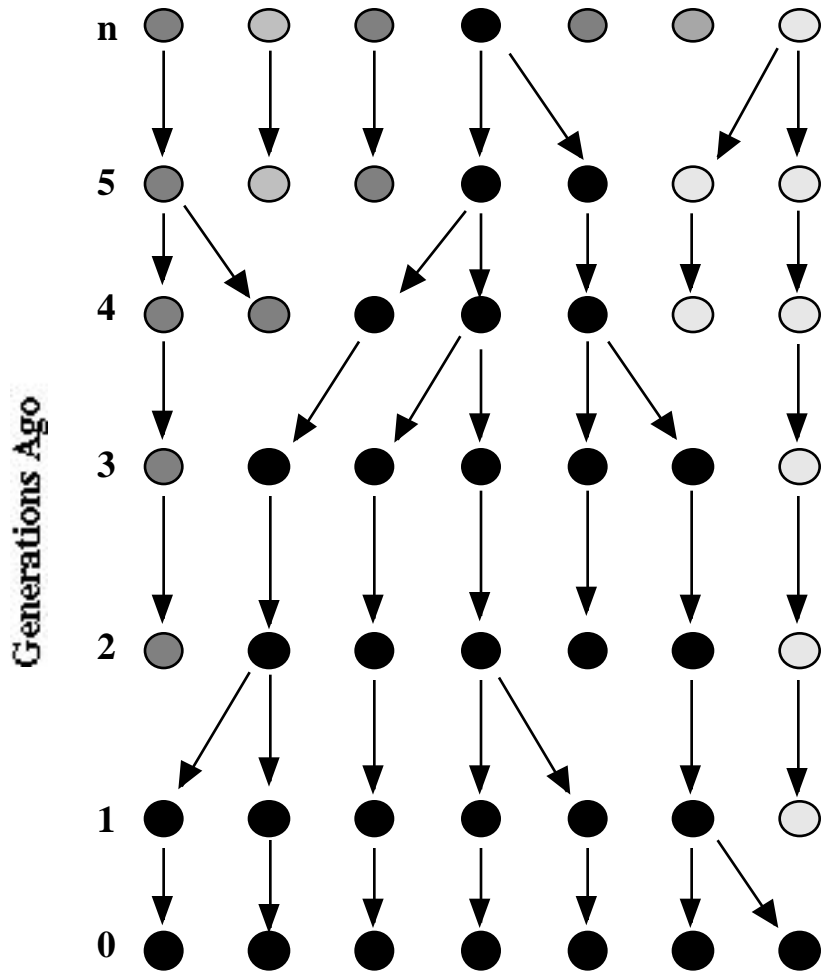


$N = 10,000$

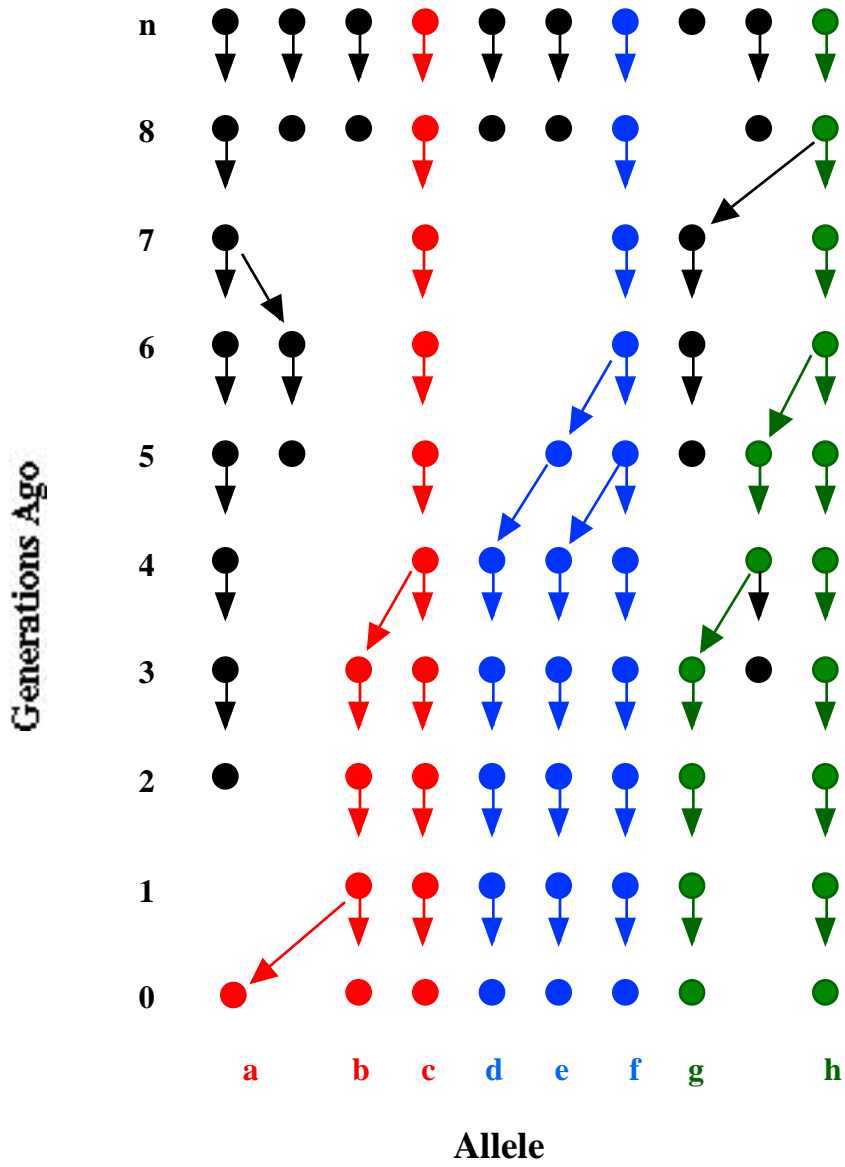
Loss of Heterozygosity due to Bottlenecks



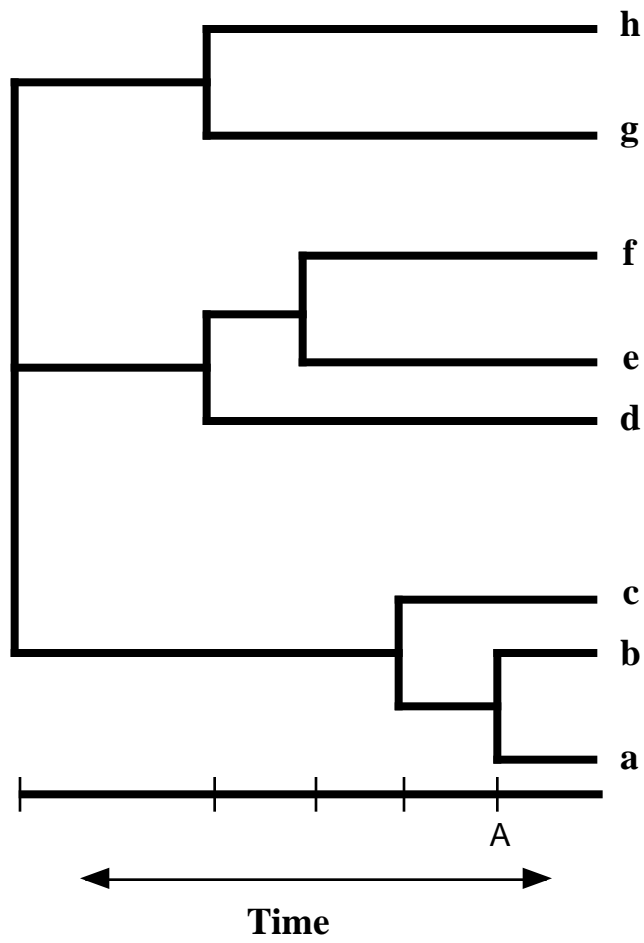
Coalescents of Lineages



Coalescents of Alleles



Gene Tree



$$A = 2N \frac{2!(k - 2!)}{k!}$$