

GENETIC DRIFT

Summary

This article is a short account of the theory of the genetic drift and some of its important consequences. In order to explain this theory simple simulation in Microsoft Excel is applied to show what one can expect in a large population divided into many small populations and some very basic for-

mula concerning the genetic drift are introduced. These introductions allow the presentation of the fate of neutral mutations in small and large populations and the Kimura theory. The relations of drift to other pressures: mutation and selection are shortly discussed.