



FIGURE 22.22. The probability of fixation of a chromosome rearrangement that reduces fitness by a factor $1 - s$, plotted against $N_e s$ on a logarithmic scale. Fixation becomes extremely unlikely when $N_e s$ is large. The lines for $N_e m = 1, 2, 3$ show how the chances of fixation of a new rearrangement are reduced if genes flow into the deme at a rate m per generation.

22.22, modified from Lande R., *Evolution* **33**: 234-251, © 1979 Society for the Study of Evolution