FIGURE 28.21. The probability that a gene will leave no descendants, $Q$, increases toward 1 if its average fitness is not greater than 1 ($\bar{k} = 0.8, 1$). If the fitness is greater than 1, then the probability of loss converges to a value less than 1. For fitness $\bar{k} = 1.2$, $Q$ tends to 0.68, so that there is a 32% chance that the gene leaves some descendants.

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