Simulation of drift using the binomial theorem

$N = 16$, $p_0 = 0.5$
After one generation of drift, the smallest deme containing at least 1% of the flies is used to generate the next generation - $p_1 = 0.333$
The smallest deme from that generation is used to generate the next - $p_2 = 0.156$
And again - $p_3 = 0.031$