

Appendix C from S. J. Schreiber and E. Saltzman, ‘Evolution of Predator and Prey Movement into Sink Habitats’

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Predator Movement and Prey Evolution

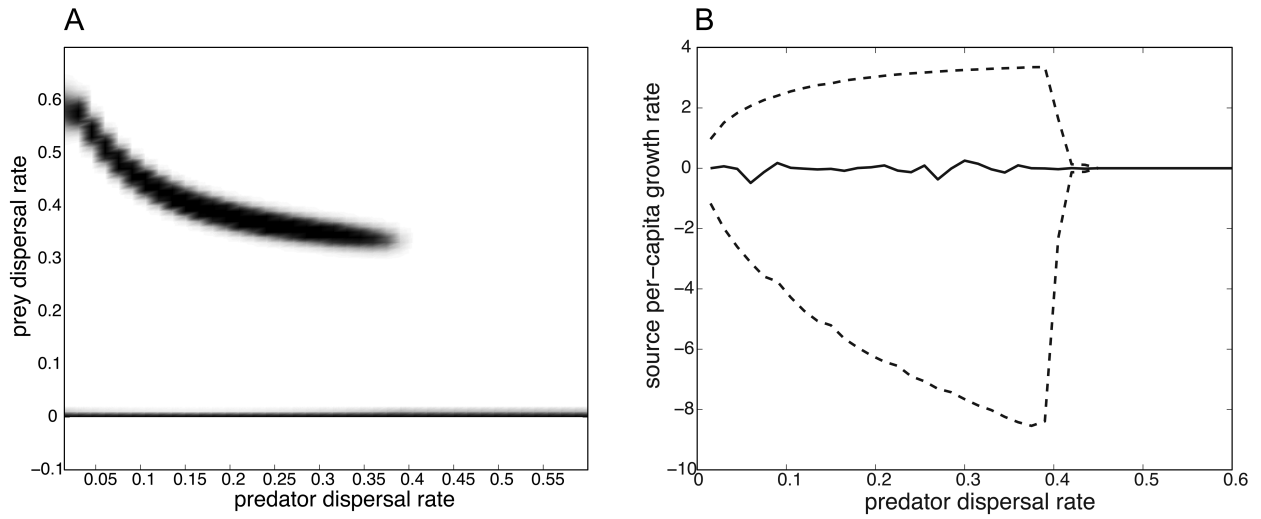


Figure C1: Effects of predator movement on the evolution of prey movement into sinks. For each parameter value, evolutionary dynamics were simulated for 25,000 time steps. *A*, Plot of temporal average of the distribution of dispersal phenotypes in the last 2,500 time steps. *B*, Plot of minimum, average, and maximum per capita growth of the prey in the last 2,500 time steps. Parameter values are $b_1 = 5$, $b_2 = 0.4$, $d_1 = d_2 = 0.5$, $K_1 = 1,500$, $h = 0.02$, $a = 0.1$, $\theta = 0.3$, $\delta_1 = 0.5$, and $s = 10^{-4}$.