Figure S3. Sensitivity of the egg production dynamics to changes in the duck life span, $1/\mu_d$. System (8-12) was integrated numerically, using the mean values of the parameters in Table 1. Other parameters used are $\gamma_2 = 1/21$ d^{-1}, $\delta = 0.01$ d^{-1}, $\eta = 0$ d^{-1} and $\mu_m = 1/30$ d^{-1}. Our results are clearly insensitive to the duck life span.