The Goby fish and shrimp problem

Let g_n and s_n denote the number of goby fish and shrimp, respectively, in a population n years from now. Consider the model

$$\begin{aligned} g_{n+1} &= g_n - \alpha g_n + \beta g_n \\ s_{n+1} &= s_n - \gamma s_n + \delta s_n \end{aligned}$$

Interpret the model; what do all the terms represent? Suppose $\alpha = .1$, $\gamma = .2$, $\beta = .1$, and $\delta = .1$. Simulate the system, starting with $g_0 = 150$ and $s_0 = 850$. What happens? What if we change β and δ to .3?