**Juvenile Parasitism Model Without Predation**

This model is a variation of the Adult Parasitism Model Without Predation. The dynamics of the resource population *R* are mostly the same, except for an extra term incorporating the foraging of infected juveniles. Uninfected adults now come from the maturation of susceptible juveniles only and can no longer be infected. Infected adults now increase through maturation of infected juveniles instead of by infection of susceptible adults. Juveniles are now split into susceptible juveniles and infected juveniles. Susceptible juveniles closely resemble the juveniles from the first model, increasing through reproduction of uninfected and infected adults and decreasing through natural mortality, however susceptible juveniles can now be infected by the parasite (last two terms in the differential equation ). An equation for infected juveniles is added. This infected juvenile population increases through infection of susceptible juvenile consumers (first term in the differential equation ) and decreases through maturation into infected adults (second term in ) natural mortality (last term in ).