**Adult Parasitism Model With Predation**

This model is an extension of the Adult Parasitism Model Without Predation. The equations for resource density and juvenile consumer density remain unchanged. For susceptible and infected adults there is an additional mortality term (the last term in and respectively). Lastly, there is an additional equation for the predator foraging on adult consumers. This predator population increases through foraging on susceptible and infected adult consumers (first term in the differential equation ) and decreases through natural mortality (last term in ). The reproduction depends on the conversion efficiency with which predators can converse ingested food to net production.