NR103
Population Growth and Regulation

I. Population Growth
   - exponential growth and geometric growth
     exponential-growth equations
     factors that influence intrinsic rates of increase
   - logistic growth
     logistic-growth equations
     carrying capacity
     time lags and other influences

II. Population Regulation
   - density independent regulation
   - density dependent regulation
     - intraspecific competition
       - scramble (exploitive competition)
       - contest (interference competition)

III. Population Fluctuations
   - resilience
   - cyclic fluctuation