**Population Growth and Decline**

**(This is meant to be a note taking guide, you may want to adjust spacing sizes)**

**Population vs. Community vs. Individual**

Genet

Ramet

**Sources of Mortality**

Density Dependent

Density Independent

**Simplified Population Dynamics**

**Ages vs. Stages**

**Life Tables**

Horizontal

Vertical

**r vs. λ**

**Leslie Matrices (describing population change)**



Sensitivities

Elasticities

Shortcomings

**Net Reproductive Rate**

**Stochasticity**

Environmental

Demographic