Biodiversity, Species Interactions, and Population Control

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September 30, 2021– Period 1

1. Populations change in response to environmental conditions
    - Size — Number of individuals
    - Density – Number of individuals in a certain space
    - Age Distribution Structure — Percentage of individuals in each age group
    - Other Types of Distributions — Spatial pattern (*i.e. clumping*), uniform dispersion, random dispersion
2. Limits of Population Growth
    - Birth
    - Death
    - Emigration/Immigration
3. Population Growth (n)
    - n = (birth + immigration) - (death + emigration)
    - Dependent on resource availability