Population Ecology (part 2)

- I. Types of Density Dependence
- II. Population Structure Closed vs. Open
- III. Metapopulation Dynamics
- IV. Intrapopulation Structure
- V. Life History Strategies













































Pressures that cause r- or K-selection and attributes of r- and K-selected species		
Selective Pressures	r-selection	K-selection
Climate	unpredictable	constant
Mortality	density-independent	density-dependent
Density	variable, low relative to K	constant, near K
Competition	weak	strong
Expected attributes		
r	high	low
maturity	early	late
ontological development	rapid	slow
brood size	high	low
size of offspring relative to parents	small	large
lifespan	short	long