Include Pathogens, parasites, predators and competitors. Mortality rate • Temperature • Water • Light Natality rate · Soil Sex Ratio Population size · Regulate Name of Interaction • Conform • Migrate Suspend Age Pyramids Population External level-**Organisms** and its environment **ORGANISM AND POPULATION** Natality Mortality dN/dt = rN(K-N)• Immigration • Emigration Attribuutes of organism's $N_{t+1} = N_t + (B+1) - (D+1)$ morphological, physiological and behavioral changes that enables the organisms to survive and reproduce in its habitat. hemical Adaptation in Human: · Thick cuticle on leaf · CAM · No leaves People suffer from mountain sickness · Relief occur due to acclimatization: Increased breathing rate, Increased **RBCs** production · Meeting water requirement by fat oxidation Provide concentrated urine. · Desert lizards absorb heat move into shade · Some sp. burrow into the soil · Allen's rule : colder region mammals have shorter ears and limbs. · Thick layer of fat (as in seal)

