

Bio I

Notes: Population Ecology

- Population ecology

- Demographics

- Four factors which determine whether and how much a population changes.
 - 1.

 - 2.

 - 3.

 - 4.

- Population increase =

- Population decrease =

- How do populations grow?
 - Example: Bacterial growth (J-shaped)

- Assumption for graph above

1.

2.

3.

- Exponential growth meets real world (pg. 98)

- Example: S-shaped graph (terms: leveling off, carrying capacity, fluctuation, limiting factor)

- Types of limiting factors

1.

2.