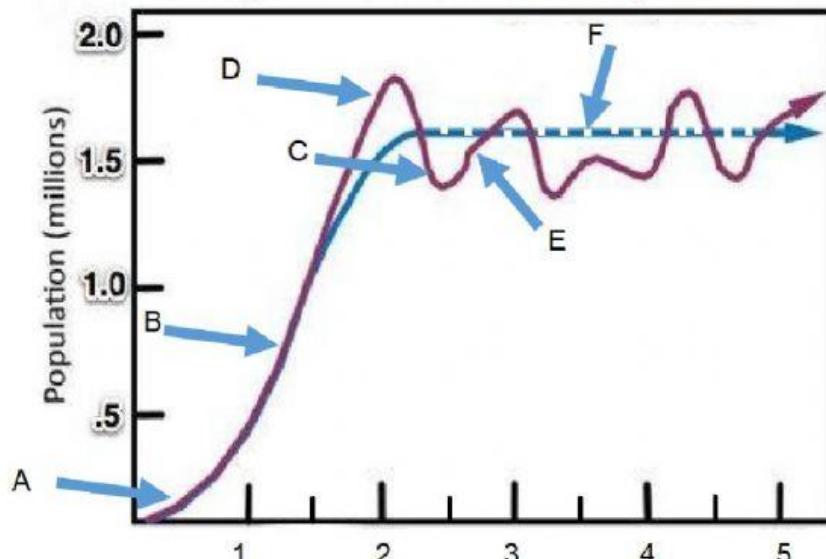


Organisms in a Natural Ecosystem



Lag phase Carrying capacity

Exponential growth

Carrying capacity

Population overshoot

Population die-off

Population rebound

1. At which point does this population first reach carrying capacity?
2. At which point does the population show that emigration exceeds immigration?
3. At which point on the graph might explain a disease that spread through the organisms in this population?