

ECOLOGY/SCIENTIFIC METHOD TEST REVIEW

Invasive species – definition

4 levels – what needs to occur at each step; what is the 10% aspect of it

Food web – definition

Food chain

10% rule – energy passed versus energy lost

how is it lost?

Removal of a member - how does it affect the rest?

Does it matter what level the organism belongs to?

Terms – producer, adaptation, abiotic, biotic, primary consumer, secondary consumer, tertiary consumer, herbivore, carnivore, omnivore

Carrying capacity – definition

What causes populations to go up? Down?

Factors that affect **growth rate** - 4 of them

Community interactions: !!!!!!!!

Symbiotic relationships – 5 of them – use your worksheet and quizzes to review

Human population – look at your graphs, be able to explain them briefly

Density dependent limiting factors versus Density Independent limiting factors

Variables in an experiment – independent, dependent, constant, charts, graphs

Invasive species – definition

4 levels – what needs to occur at each step; what is the 10% aspect of it

ECOLOGY/SCIENTIFIC METHOD TEST REVIEW

Invasive species – definition

4 levels – what needs to occur at each step; what is the 10% aspect of it

Food web – definition

Food chain

10% rule – energy passed versus energy lost
how is it lost?

Removal of a member - how does it affect the rest?

Does it matter what level the organism belongs to?

Terms – producer, adaptation, abiotic, biotic, primary consumer, secondary consumer, tertiary consumer, herbivore, carnivore, omnivore

Carrying capacity – definition

What causes populations to go up? Down?

Factors that affect **growth rate** - 4 of them

Community interactions: !!!!!!!!

Symbiotic relationships – 5 of them – use your worksheet and quizzes to review

Human population – look at your graphs, be able to explain them briefly

Density dependent limiting factors versus Density Independent limiting factors

Variables in an experiment – independent, dependent, constant, charts, graphs

Invasive species – definition

4 levels – what needs to occur at each step; what is the 10% aspect of it

Food web – definition

Food chain

10% rule – energy passed versus energy lost
how is it lost?

Removal of a member - how does it affect the rest?

Does it matter what level the organism belongs to?

Terms – producer, adaptation, abiotic, biotic, primary consumer, secondary consumer, tertiary consumer, herbivore, carnivore, omnivore

Carrying capacity – definition

What causes populations to go up? Down?

Factors that affect **growth rate** - 4 of them

Community interactions: !!!!!!!!

Symbiotic relationships – 5 of them – use your worksheet and quizzes to review

Human population – look at your graphs, be able to explain them briefly

Density dependent limiting factors versus Density Independent limiting factors

Variables in an experiment – independent, dependent, constant, charts, graphs