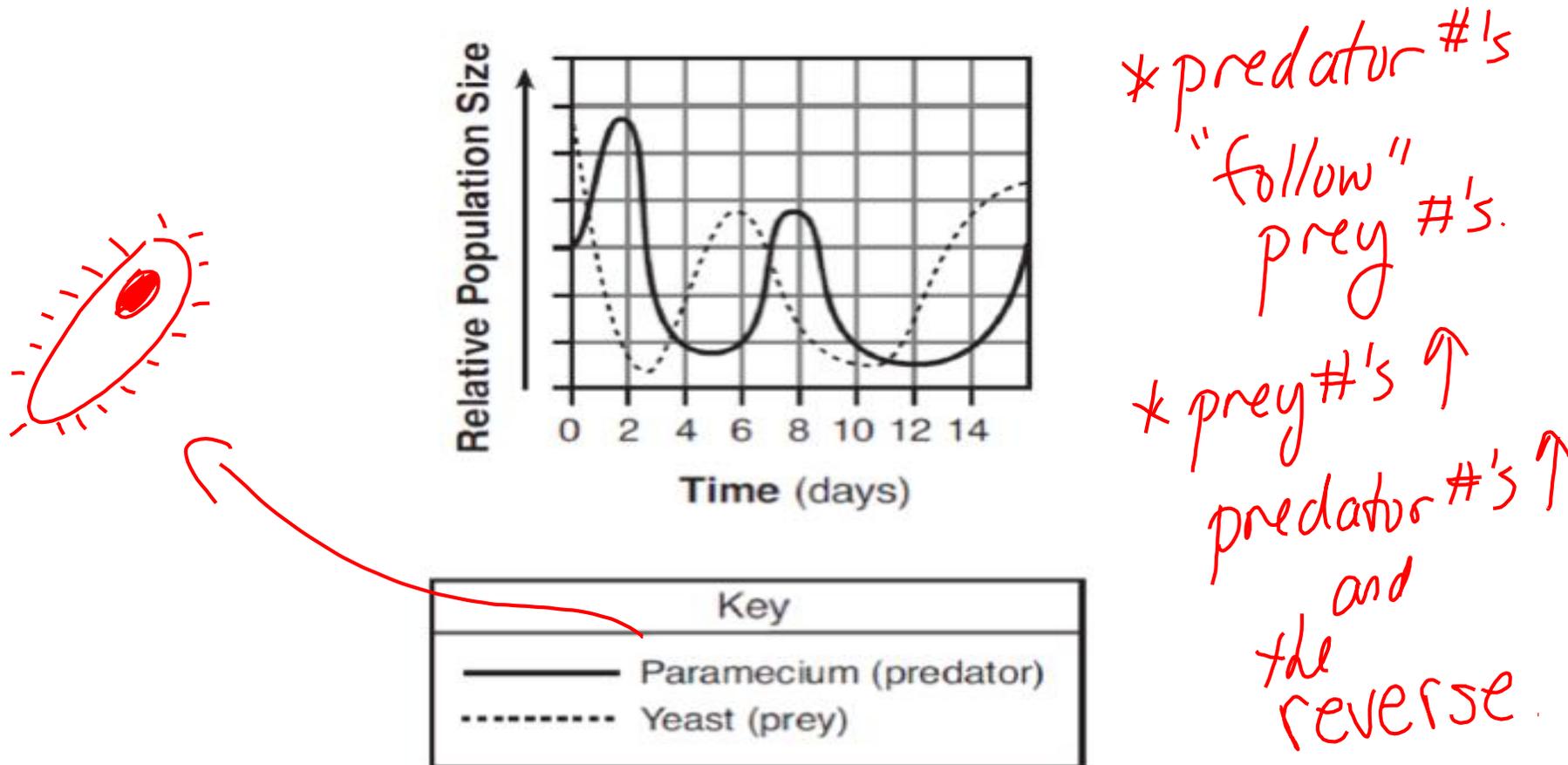


Ecological Interactions

- Describe what is happening in this graph from the starting point until day 14.



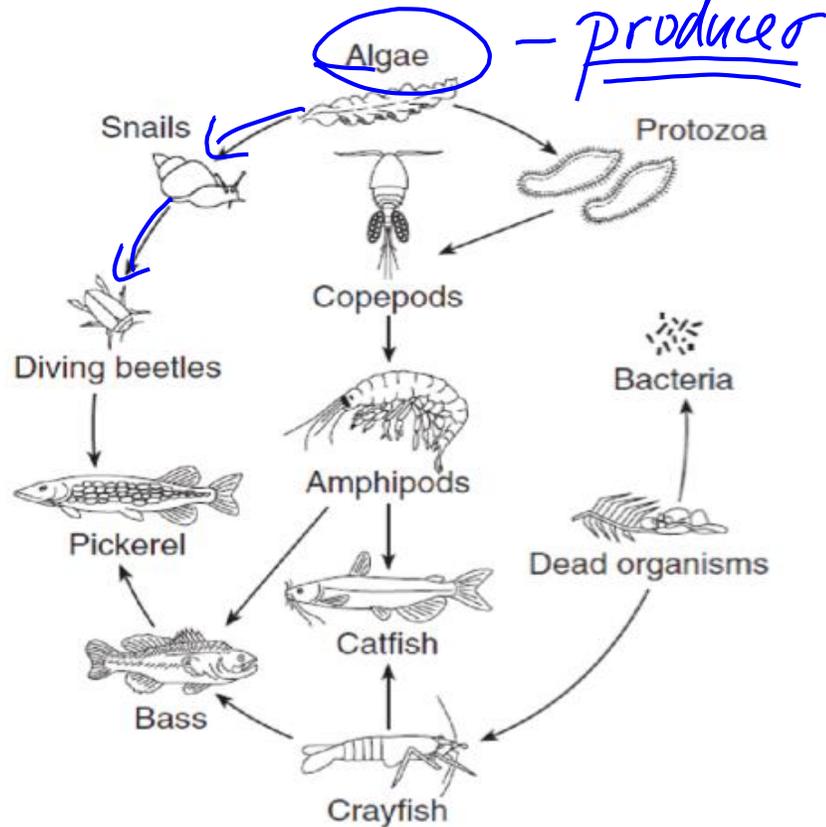
Ecological Interactions

- What is the relationship between organisms X and Y?

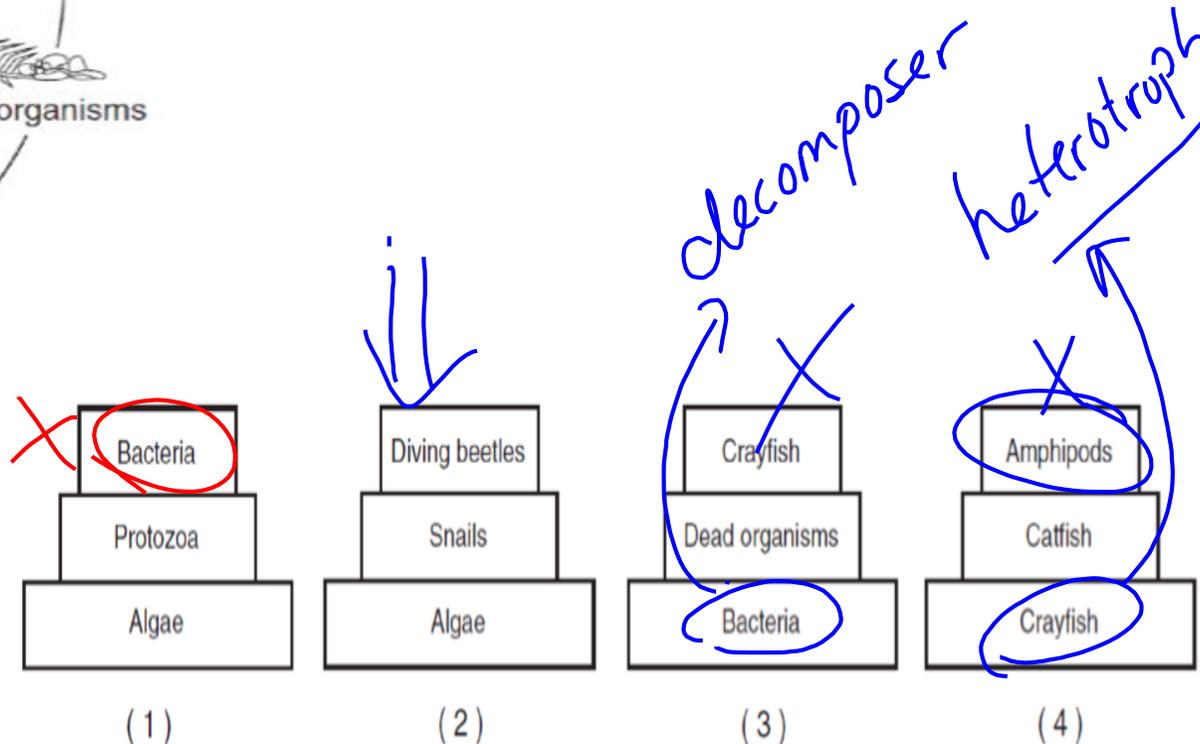
	Organism X	Organism Y
Interaction 1	predator	prey
Interaction 2	parasite	host

Handwritten notes:
→ benefits (+) (circled around Organism X)
→ harmed (-) (circled around Organism Y)

Energy Flow



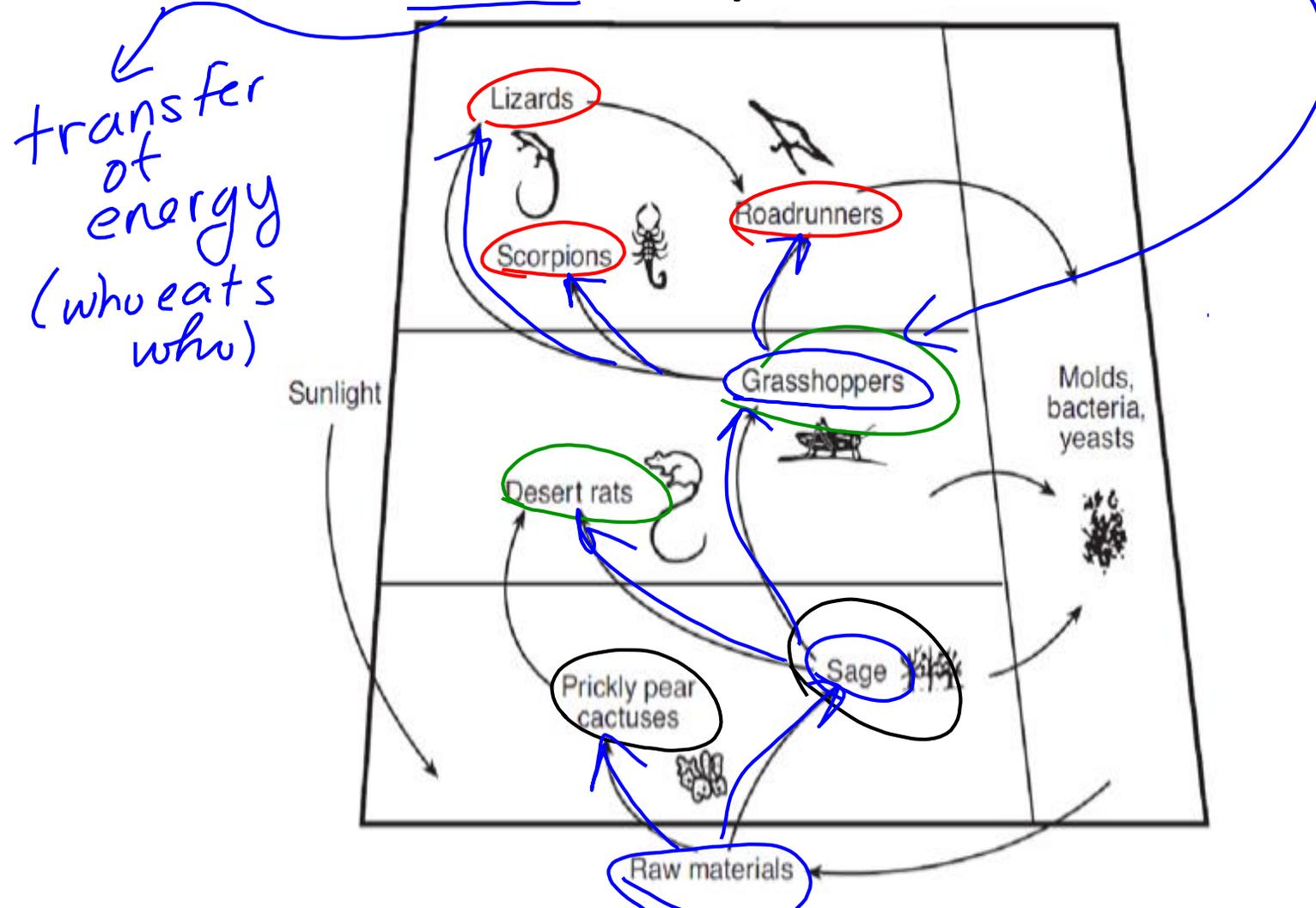
Which energy pyramid fits this food web?



Energy Flow

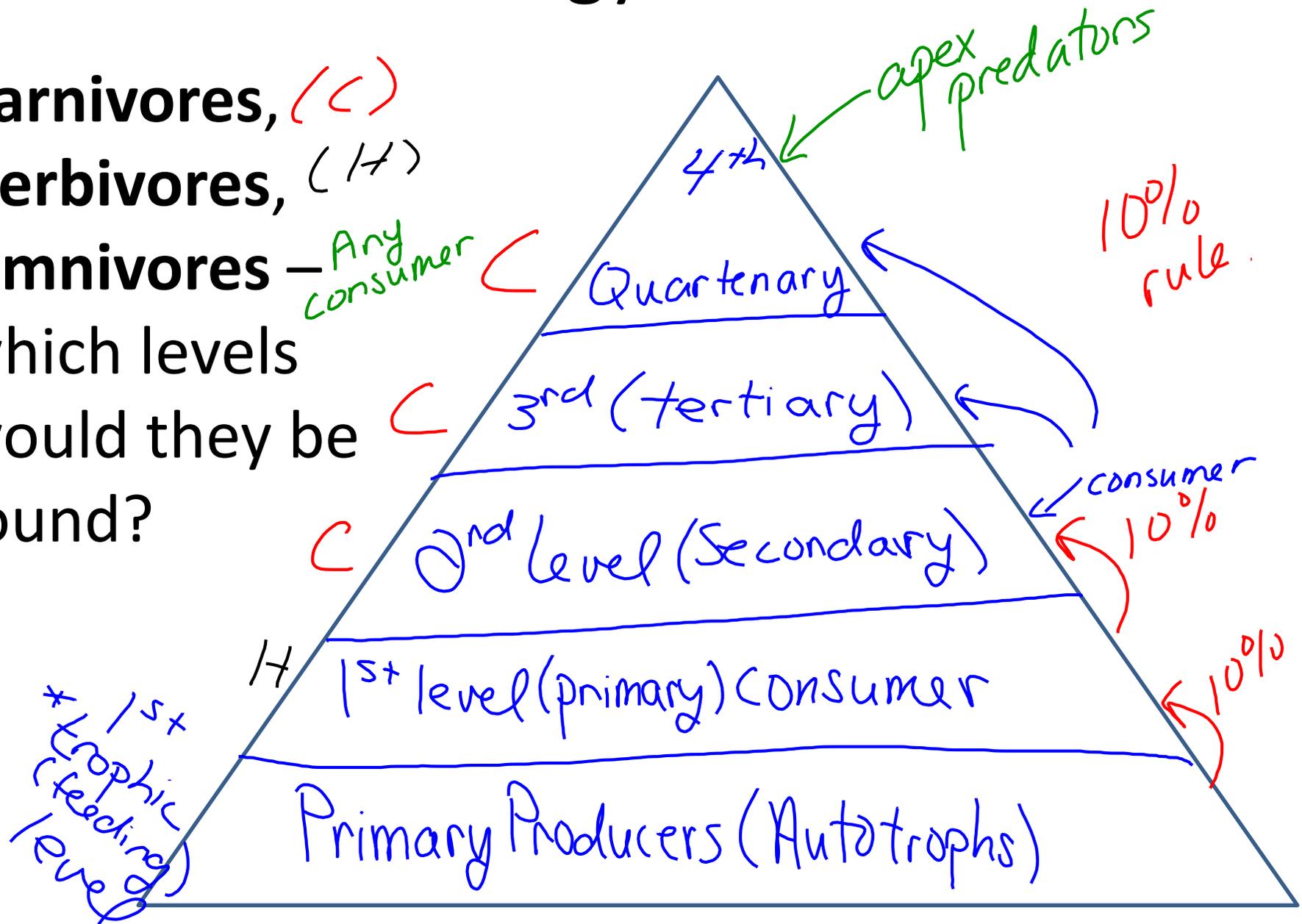
Who competes?

What do the arrows represent?



Energy Flow

Carnivores, (C)
Herbivores, (H)
Omnivores – Any consumer
which levels
would they be
found?



*trophic level (feeding level)

Energy Flow

An increase/decrease in mice or snakes:
explain the impact on other species in
this food web.

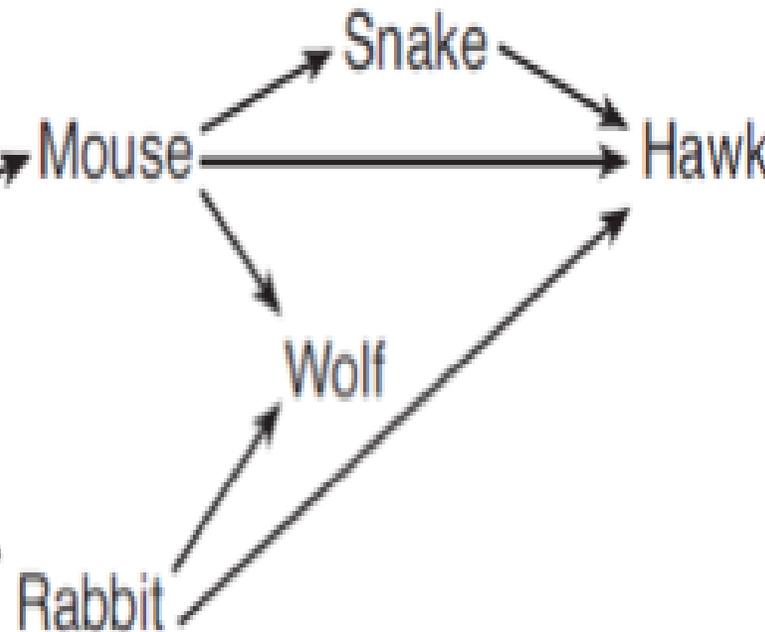
mice

↓ snakes

↑ competition
between
hawks/
wolves.

↓ comp. for
plant foods
(rabbits)

Berry bushes
Producers



↓ Food for
hawks

↑ (possible)
in mice #

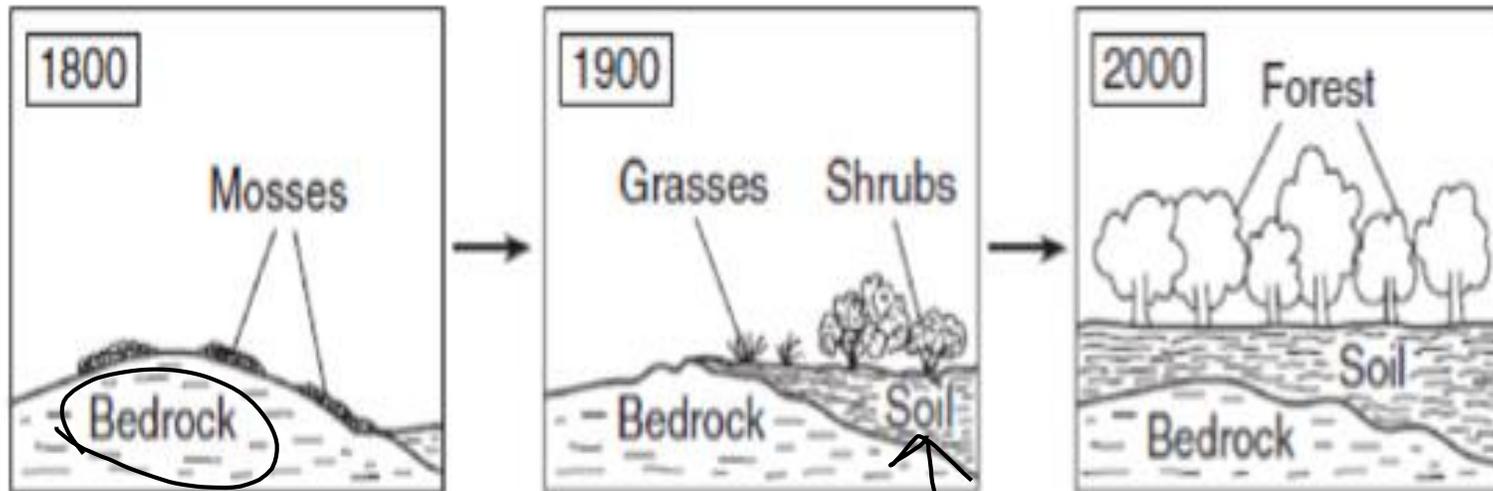
↓ competition
with wolves
+
hawks.

Change Over Time

- What process is occurring?
- Describe the process.

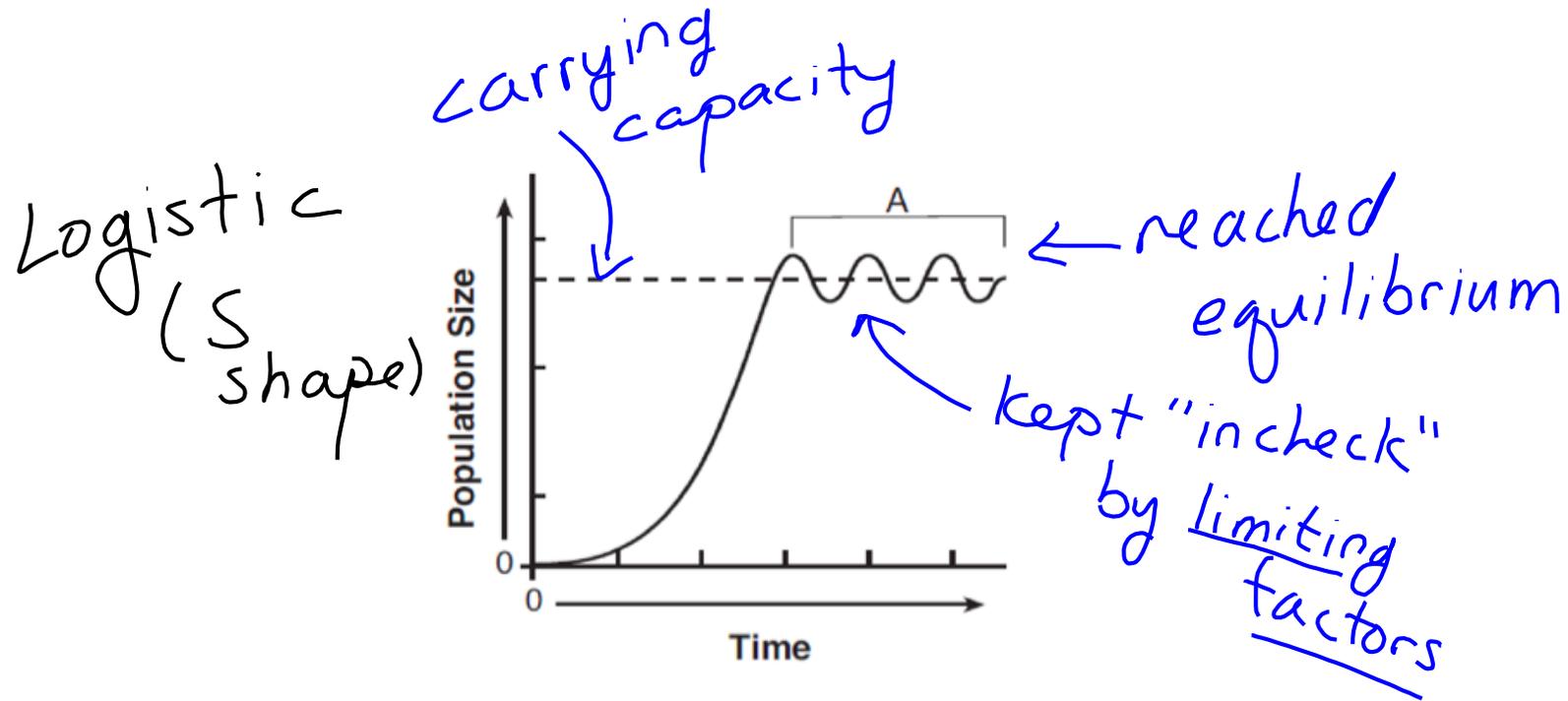
*primary
succession*

** soil forms
↓
allows plants to grow*



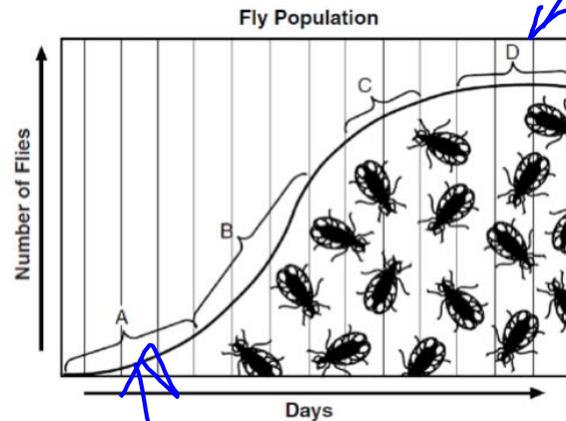
Populations

- Describe what is occurring in stage A.



Populations

- Where is the carrying capacity in this graph? *D*
- Where are the exponential, deceleration, and lag phases? *(B)* *(C)*
(A)



Lag

C.C.

Ecological Levels

- What does this picture represent?

