

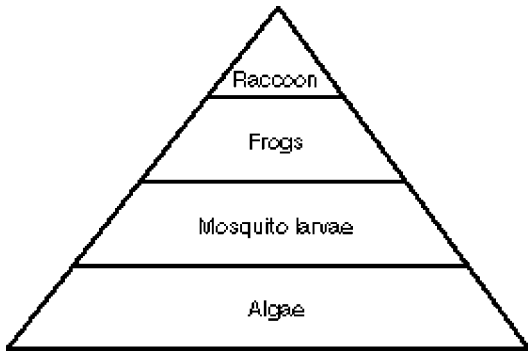
Name: _____

Date: _____

1. Which sequence shows a correct pathway for the flow of energy in a food chain?

- A. bacteria → grass → fox → owl
- B. grass → grasshopper → frog → snake
- C. fungi → beetle → algae → mouse
- D. algae → snake → duck deer

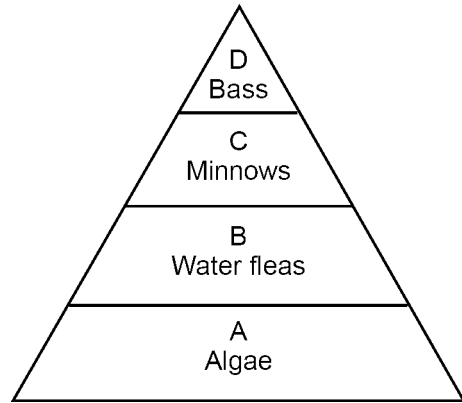
2. Base your answer(s) to the following question(s) on the diagram accompanying and on your knowledge of biology.



Which term best describes the mosquito larvae?

- A. producer
- B. parasite
- C. carnivore
- D. consumer

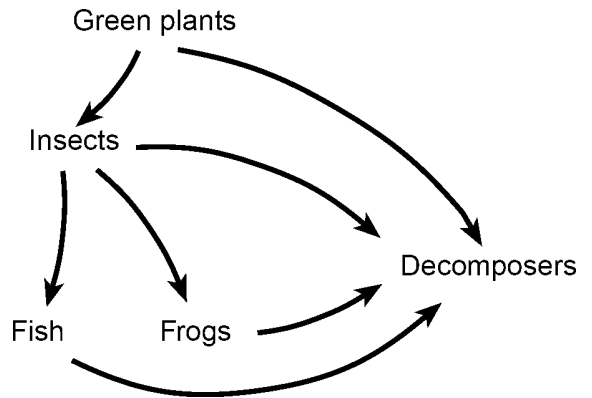
3. A food pyramid representing relationships in a pond community is shown.



The energy of the Sun is made available to the pond community through the activities of the organisms at level

- A. A
- B. B
- C. C
- D. D

4. A food web is shown.



State what would happen to the plant population if the number of decomposers decreased and explain why this would happen.

5. Which relationship best describes the interactions between lettuce and a rabbit?
- A. predator—prey
 - B. producer—consumer
 - C. parasite—host
 - D. decomposer—scavenger

foodwebs 1star 05/11/2015

1.
Answer: B
2.
Answer: D
3.
Answer: A
4.
Answer: The number of plants would decrease because minerals/nutrients would not be recycled. OR The plant population would decrease because material cycles would slow down.
5.
Answer: B