

THE WEBBED ECOLOFE

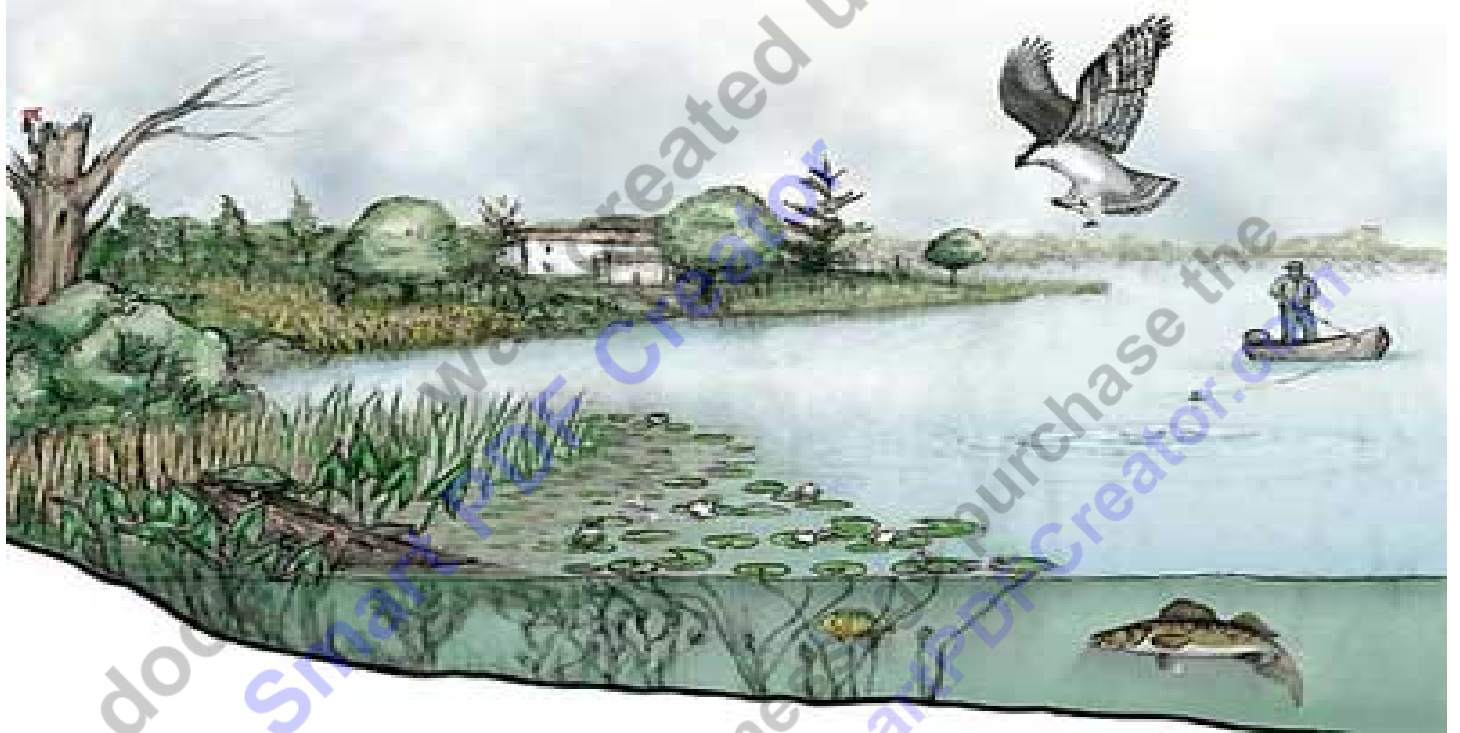
(Opportunity for Excellence)

Concepts - Everything is connected to each other

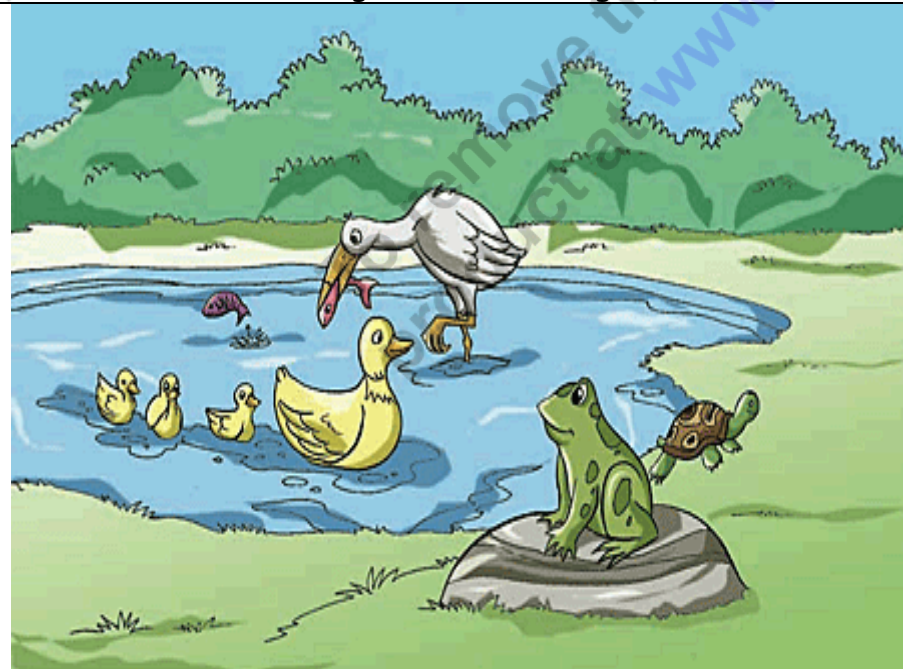
Name:

Due:

Please label the levels of biological organization associated with ecology as they may apply to the picture below.



Please describe what might be the ecological niches of some the inhabitants around this pond.

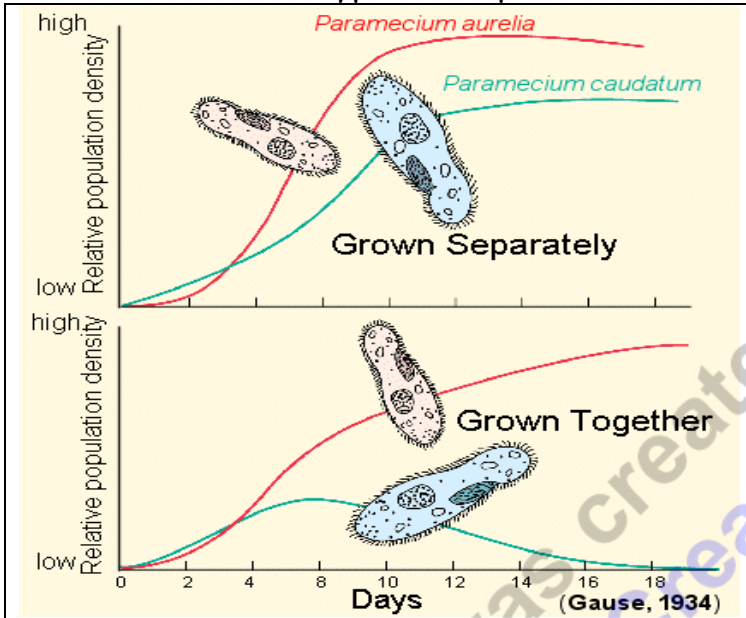


1) _____

2) _____

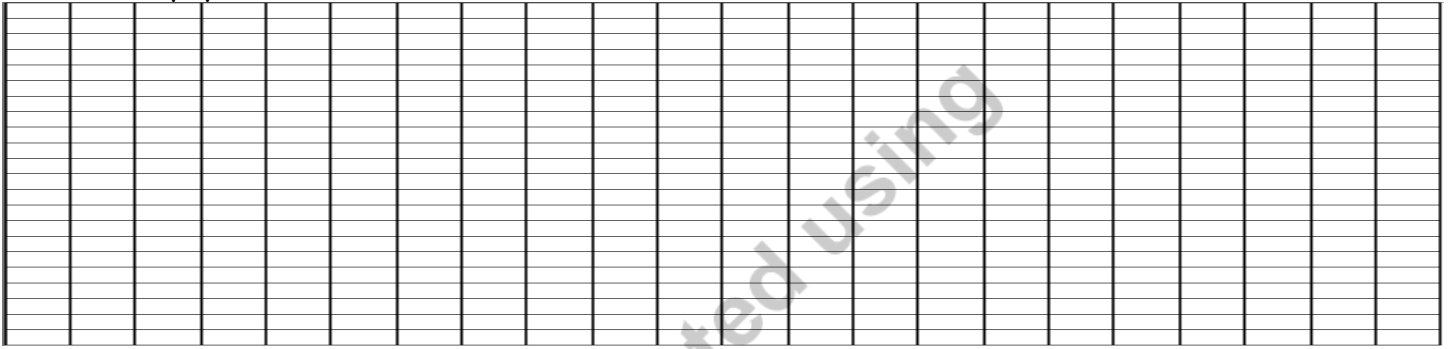
3) _____

Please describe the type of competition based on the pictures below.



Please describe the bean game? What is a generalist? What is a specialist? What strategies were used to survive? How does habitat affect feeding and ultimately survival?

Please complete a predator prey cycle graph below. Please create the predator, the prey, and show their population numbers over time.



Time →

Predator

Prey

Please find the relative abundance for each of the species below.

Ж = _____

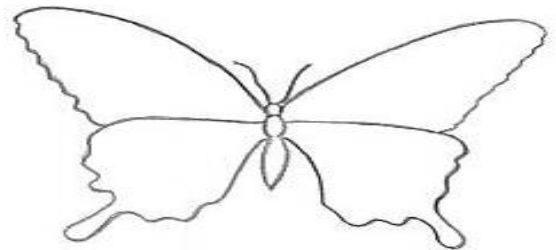
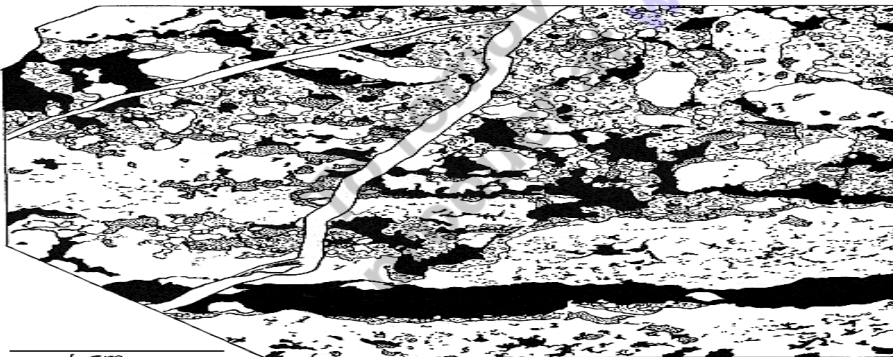
Ω = _____

Ю = _____

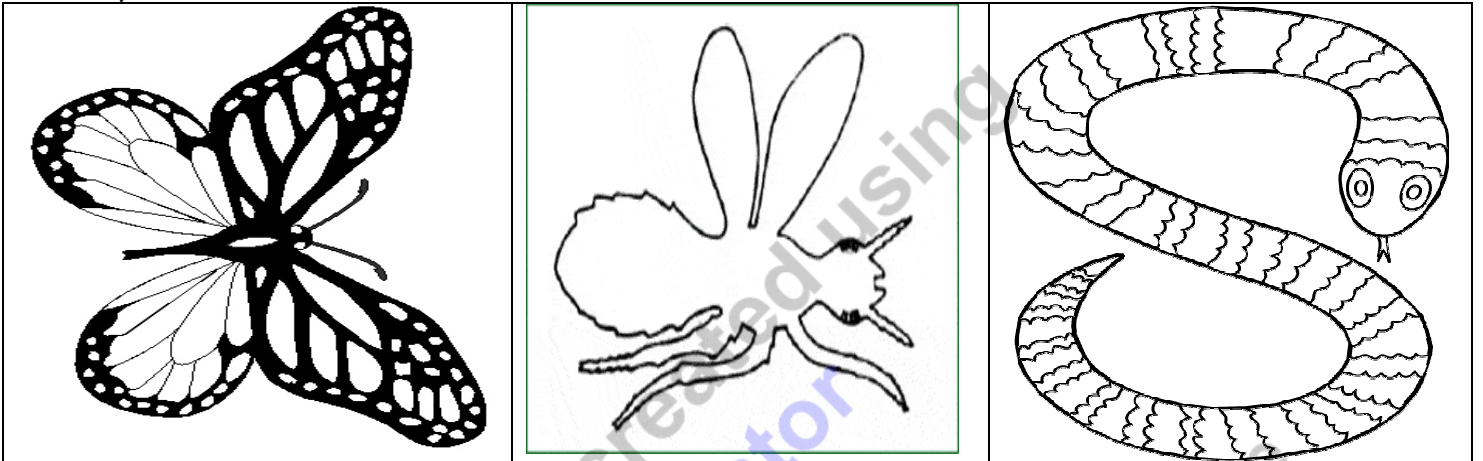
Θ = _____

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Camouflage the three organisms below. Use the box on the left as a background and pattern.



Please dress up the following organisms with different colors that represent Mullerian mimicry.



Please draw and describe an organism displaying any type of mimicry.

Please draw and describe an organism with a physical feature that make them a difficult meal, and thus avoid predation.

Please draw and describe and two parasites in the boxes below. Make one, an endoparasite, and the other an ectoparasite.

Endoparasite

Ectoparasite

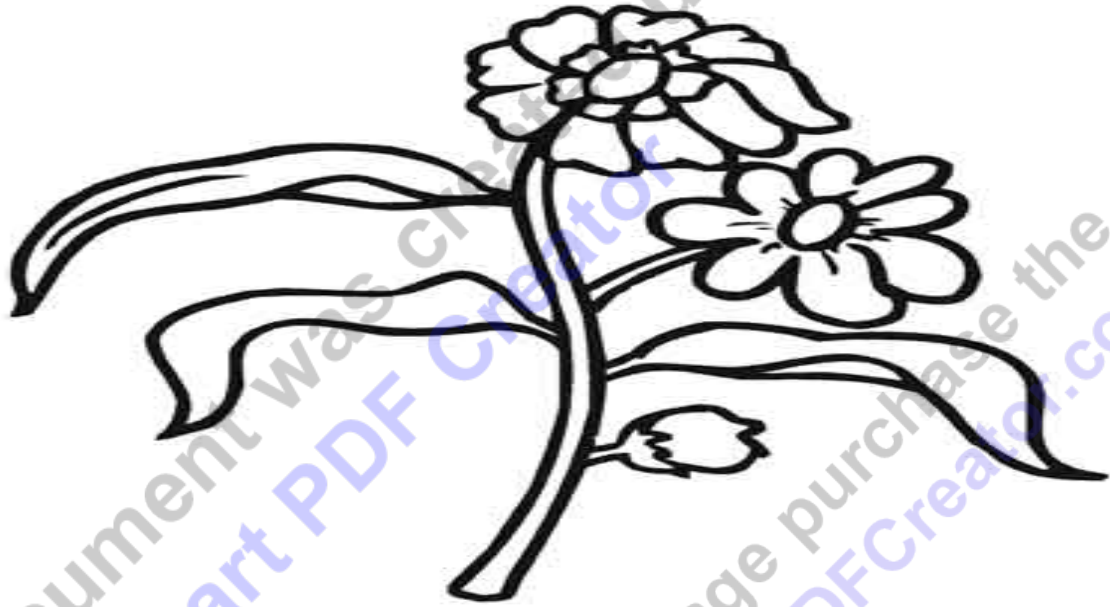
Please describe the three mutualisms below. A strong answer will be very specific and include the type of mutualism.

		
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Please describe how the picture on the right is commensalism? Make sure to include the definition of commensalism in your response.



Please add some features to the plant below so that it can avoid predation. Provide a written description of these features around the plant. Also draw an animal that is interested in eating this plant and one feature that it has to get around that plant defense.



What is an exotic species and how do humans spread them?

Please describe some of the negative impacts of these exotics. Strong answers will provide specific information about each picture.



Please describe how the concept, "Everything is connected to each other," relates to your bio-dome. Please be specific and accurate to your bio-dome. Work in the margins, above, and below. Make your illustrations in the container and use lines to show how those illustrations relate to your text.

Levels of Organization Competition Camouflage Niche' Feeding strategies Predator / Prey Relationships Relative abundance Species Diversity	Plant Defenses? Animal Offenses? Parasites? Symbiosis Present? Exotic Species?
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