

Facilitator: _____

Summarizer: _____

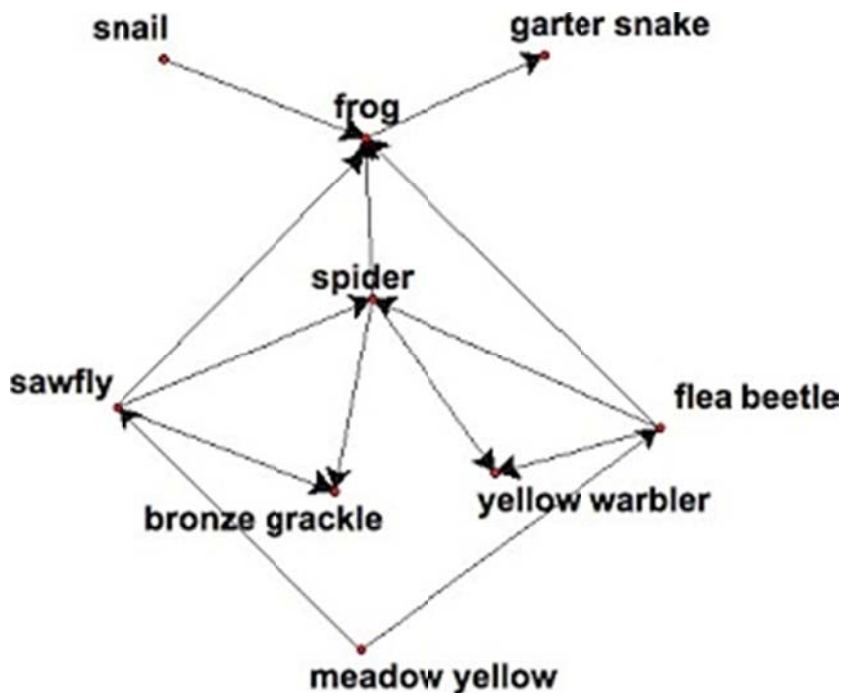
Presenter: _____

Critic: _____

- Facilitator to make sure team works and achieves its goal
- Summarizer to summarize the results
- Presenter to present the results
- Critic to make sure questions from the audience are considered when preparing the task

Your task as a team:

The following digraph shows the eco system of a willow forest. An arrow goes from one species to another if one is food for the other. For example, the arrow from flea beetle to spider means that flea beetles are food for spiders.



1. List animals that spider eats:

2. List animals that eat spiders:

3. List animals that frog eats:

4. List animals that eat frogs:

5. Which animal is the king of the food chain in this ecosystem?

6. Are there more than one "king"? List them.

7. Which animal is at the bottom of the food chain in this ecosystem?

8. Are there more than one on the "bottom"? List them.

When presenting, explain how you used vertex-edge graph's properties to answer these questions.