

Exploring Habitats with Nova the Owl

Learning objective: To identify and describe how different animals are adapted to their specific habitats.

Read each question carefully and use your knowledge of habitats and life cycles to provide detailed answers. Think about how an animal's body helps it survive in its environment.

Word bank: adaptation · environment · camouflage · predator · prey · survival · nocturnal · ecosystem

1. Nova the Owl is nocturnal. Explain two ways her body is adapted to help her hunt effectively at night. (2 marks)

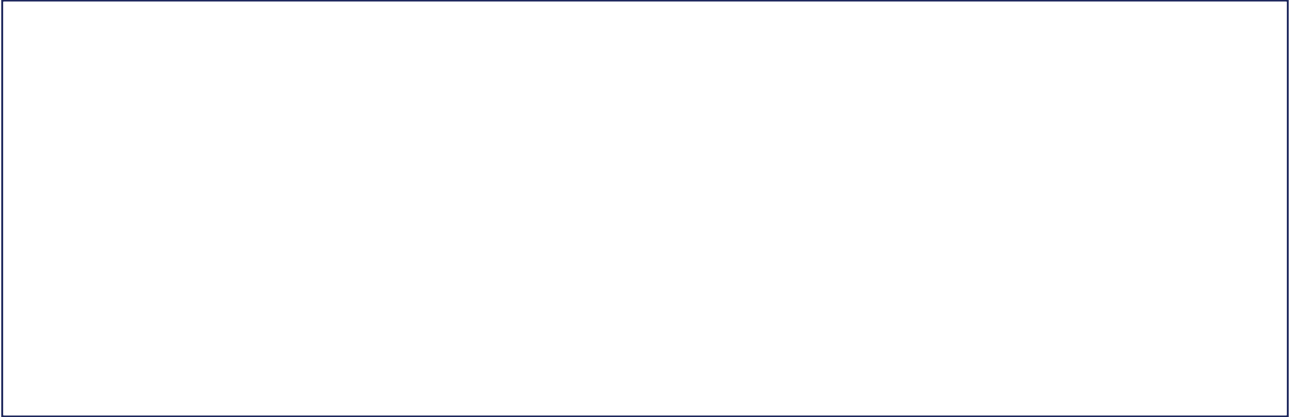
2. Define the term 'habitat'. Why is it important for an animal to be well-adapted to its specific habitat? (2 marks)

3. Imagine an animal living in a very cold polar environment. Suggest one physical feature it might have to keep warm and explain how it helps. (2 marks)

4. Bea the Bee visits many flowers. How does this relationship benefit both the bee and the plant within their shared habitat? (2 marks)

5. If a habitat was suddenly destroyed by human activity, what might happen to the animals that rely on it for survival? (2 marks)

Draw: Draw a diagram of a woodland habitat. Include at least three different living things and label one specific adaptation for each creature you have drawn.



Extension challenge: Research a desert animal of your choice. Write a short paragraph explaining how it survives with very little water, using the term 'adaptation' in your answer.