

# 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)**

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

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**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)**

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

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

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**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.*