

Habitats and Adaptations: Field Researcher's Fact-File

Learning objective: To identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Join Nova the owl on a scientific expedition! Choose a specific habitat (such as a rainforest, a desert, or a polar region). Research a creature that lives there and fill in this field study report to explain how it survives in its environment. Use the word bank to help you describe its special features.

Word bank: adaptation · environment · camouflaged · predator · prey · survival · nocturnal · habitat · characteristics · evolution

1. Habitat and Creature: Name the habitat you have chosen and the specific animal or plant you are studying. Why is this environment challenging to live in? (3 marks)

2. Physical Adaptations: Describe two physical features (e.g., thick fur, sharp claws, or leaf shape) that help this creature survive in its habitat. (4 marks)

3. Behavioural Adaptations: Does the creature have any special habits or behaviours? Explain how these help it find food or stay safe from predators. (4 marks)

4. The Food Chain: Where does your creature fit into the food chain? Is it a predator, prey, or both? Give an example of what it eats. (3 marks)

5. Future Changes: If the climate in this habitat changed and it became much warmer or colder, how might this creature struggle to survive? (3 marks)

Extension challenge: Imagine your creature was moved to a completely different habitat. Write a short paragraph explaining which one feature it would need to evolve to survive there.