

Adaptions in Animals

- An adaption is a special characteristic that allows an organism to survive in a particular environment.

Adaptions may be:

1. Physical appearance (structural)
2. Internal systems (psychological/functional)
3. Something an organism does (behavioural)

Behavioural

- A feature of an organism's habits, action and way of life

Structural

- A physical body part that is changed to help an animal survive in its environment

Functional

- A feature of the way an organism's body functions

More on Adaptations

- Many animals adapt to gain advantages. For example, fennec foxes have adapted to use ears to hear predators quicker.

Shade Violet and Sun Violet Case Study

1. State how light conditions would have changed when the trees were removed:

The light conditions changed because after the trees were removed, the shade violets no longer were able to thrive and rather, the sun violet began to thrive as the reduction of trees resulted in a boom in sun violets.

2. Which plants survived better before the trees were removed:

The shade violet survived better before the trees.

3. What happened to the number of plants after the trees were removed:

First of all, after 2 years, the amount of plants dipped, and then in 5 years, they began to grow. This is clearly a down trending pattern, yet more data could give more reason to assume the 5 year time frame could be reversing.

4. How would you expect the number of sun violets to change in future if more trees were removed?

I would assume that the number of sun violets would further boom.