

Evidence for Evolution: Peppered Moth Simulation

To prove that there is evidence for evolution, we participated in an experiment called '**Peppered Moth Simulation**'.

The peppered moth - *Biston Betularia* - exists naturally in two forms.

1. A pale, speckled form.
2. A dark, melanic form, which arose a **mutation**.

Natural Selection relies on: variation between individuals of a population.

Experiment

We used a newspaper and a piece of A3 white paper as the surface of a material. Both of these materials obviously had differently colours. To simulate picking out the moths, we used tweezers to pick out different coloured mini circular discs, which were separately coloured - white and newspaper. We scattered the discs on both different backgrounds and recorded down how many of each were picked.

Preview from Notesale.co.uk
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