



Peppered Moth Simulation



Results

Trial	Background	Starting Population		Number Picked up	
		Dark moths (black discs)	White moths (white discs)	White moths (white discs)	Dark moths (black discs)
1	white				
2	white				
3	black				
4	black				

Conclusions

1. What did the experiment show about how prey are selected by predators?

2. Which colored moths are best adapted to an unpolluted (white paper) environment? **Use your results to support your answer.**

3. Which colored moths are best adapted to a polluted (black tabletop) environment? **Use your results to support your answer.**

4. What would you expect the next generation of moths to look like after Trial 2? **Why do you think this?**

5. How does this experiment show that natural selection occurred in the moth populations? **Use your results to support your answer.**

Use the graph for questions 6 and 7.

Use the graph for questions 6 and 7.

