

Name \_\_\_\_\_  
 Period \_\_\_\_\_

Cassit Bird Population: Comparing the Phenotypes of Different Generations

As you create each generation, use the class' data to fill in the following data table. After you record each generation, graph the % data. After you finish collecting the data for all three generations, answer the questions below.

CASSIT BIRD POPULATION

	P		F1		F2	
	# individuals	% individuals	# individuals	% individuals	# individuals	% individuals
Total population		-----		-----		-----
males						
females						
short/fat beak						
long/skinny bk						
0 spots						
3-5 spots						
5-7 spots						

Questions: Answer on back or on a separate piece of paper.

1. Look closely at the graph that you created. Explain how each phenotype has changed or not changed through time (from generation to generation).
2. What would you expect the population to look like in the future?
3. What would you expect the population to look like if, for some reason, birds with short/fat beaks were unable to get enough food? Explain.