NAME	DATE



Natural Selection Checklist

O	rganism Trait
of	atural selection causes a trait to become more or less common in a population over the course multiple generations. Not all change over time is the result of natural selection. But we can use idence to infer whether natural selection is at work, even if it acted in the past.
	Has the frequency of the trait in the population changed over time?
	Example: Over time, some colors become more common in the population.
	Evidence:
	atural selection requires three ingredients: Variability Yes No
	Does the trait vary among individuals in the population?
	Example: Individuals are different colors.
	Evidence:
2.	Heritability Yes No
	Is the trait influenced by genes that pass from parents to offspring?
	Example: Offspring tend to be the same color as their parents.
	Evidence:
3.	Reproductive advantage Yes No
	Are individuals with a certain trait variation more successful at reproducing than others?
	Example: Individuals of some colors are more successful at reproducing than others because they are better able to survive to adulthood.
	Evidence:
ls t	this an example of natural selection? (Are all three ingredients present?) Yes No