

What is an adaptive trait?

- A Any trait that can be passed on to the next generation.
- B Any trait that remains constant over time.
- C Any trait that helps an organism survive and reproduce.
- D Any trait that cannot be changed by mutation.

A trait can only be said to be adaptive in a certain situation. For example, light coloration is an adaptive trait for moths that live where tree trunks are light-colored. It is not an adaptive trait in areas where pollution has darkened the trunks.

Answer **C**.