

When the Isthmus of Panama was formed about 3 million years ago, gene flow between fish populations on either side of the isthmus ceased. Over time, genetic differences arose and now those populations are incapable of interbreeding. This is an example of which of the following?

A sympatric speciation

B allopatric speciation

C mass extinction

In allopatric speciation, a physical barrier of some sort prevents gene flow between populations and allows gradual genetic divergence.

Answer **B**.

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