

Which choice below best fits in the blank? Heterozygote advantage can lead to \_\_\_\_ . For example, the potentially harmful hemoglobin allele persists because the heterozygote is at an advantage in areas where malaria is prevalent.

- A sexual dimorphism
- B speciation
- C pleiotropy
- D a balanced polymorphism

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A balanced polymorphism is the maintenance of two or more alleles for a trait at a frequency greater than 1 percent.

Answer **D**.