

The fur color of collared lemmings changes to white at a certain time of the year.

a. Explain how the change in fur color is an advantage to collared lemmings.

When temperatures rise above freezing, snow melts, which causes changes in the collared lemmings' habitat.

b. Describe **two** ways warming temperatures could cause the size of the collared lemming population to decrease.

c. Describe how fur color in the collared lemming population will likely change over time as temperatures increase because of climate change. Explain your answer using the principles of natural selection.