



28
visually
stimulating
cards

includes
answers

NATURAL SELECTION and EVOLUTION 2

The following diagrams show black and white moths against (A) light-colored lichen in a forest and (B) soot-covered trees in a polluted forest.



(a) Which is likely to be favored in the forest?

(b) Explain how the black moths have a selective advantage.

NATURAL SELECTION and EVOLUTION 26

The following phylogenetic tree shows the relatedness of three species X, Y and Z and is based on changes in the protein cytochrome C, common to all three species. Scientists have found that these changes occur at a rate of about 1% every 20 million years.



ANSWER



A bottleneck effect occurs when a population is drastically reduced due to some event, such as a fire. Certain alleles are lost, and the genetic diversity of the population is reduced. This is not natural selection.

ANSWER 6

(a) Allopatric speciation.

(b) If two populations are considered subspecies, this means that while they might look quite different to each other, they are still capable of interbreeding and producing healthy, fertile offspring. They therefore still belong to the same species.



answers
provided

Task Cards

NATURAL SELECTION and EVOLUTION

Evolution Natural Selection And Speciation Skills

LP Steffe



Evolution Natural Selection And Speciation Skills:

Unveiling the Energy of Verbal Art: An Emotional Sojourn through **Evolution Natural Selection And Speciation Skills**

In a global inundated with screens and the cacophony of quick communication, the profound energy and emotional resonance of verbal beauty often disappear into obscurity, eclipsed by the constant onslaught of noise and distractions. Yet, nestled within the lyrical pages of **Evolution Natural Selection And Speciation Skills**, a interesting perform of literary brilliance that pulses with fresh emotions, lies an unforgettable journey waiting to be embarked upon. Written by way of a virtuoso wordsmith, this exciting opus guides visitors on a psychological odyssey, lightly exposing the latent possible and profound affect embedded within the intricate web of language. Within the heart-wrenching expanse of this evocative examination, we can embark upon an introspective exploration of the book is main styles, dissect their interesting writing type, and immerse ourselves in the indelible effect it leaves upon the depths of readers souls.

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