

Chapter 18 Vocabulary Review (2012)

MULTI CHOICE

Place the word and letter in the blank next to the correct definition.

- | | |
|--|---|
| <ul style="list-style-type: none"> a. Gene pool b. Allele frequency c. Single-gene trait d. Polygenic trait e. Disruptive selection f. Stabilizing selection g. Directional selection | <ul style="list-style-type: none"> m. Hardy-Weinberg equilibrium n. Reproductive isolation o. Speciation p. Sympatric isolation q. Geographical isolation r. Temporal isolation |
|--|---|
-
- h. Genetic flow
 - i. Genetic drift
 - j. Bottleneck effect
 - k. Founder effect
 - l. Genetic Equilibrium

Letter	Word	Definition
a		A trait controlled by only one gene.
b		When individuals near the center of the curve have higher fitness than individuals at either end.
c		Isolation between populations due to physical, geographic barriers such as rivers, mountains or bodies of water.
d		Sum total of all the different forms of genetic information carried by a particular gene in a, or for all organisms on Earth.
e		Change in allele frequencies as a result of the migration of a small subpopulation a population.
f		Principle that states that allele frequencies in a population remain constant unless one or more factors cause those frequencies to change.
g		Trait controlled by two or more genes.
h		Situation in which allele frequencies in a population remain the same.
i		Isolation between populations due to barriers related to time, such as differences in mating periods or differences in the time of day that individuals are most active.
j		When a phenotype is at both the upper and lower ends of the curve have higher fitness than individuals near the middle.
k		Formation of a new species.

Evolution Populations Vocabulary Review Answer Key

Yijin Wang



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