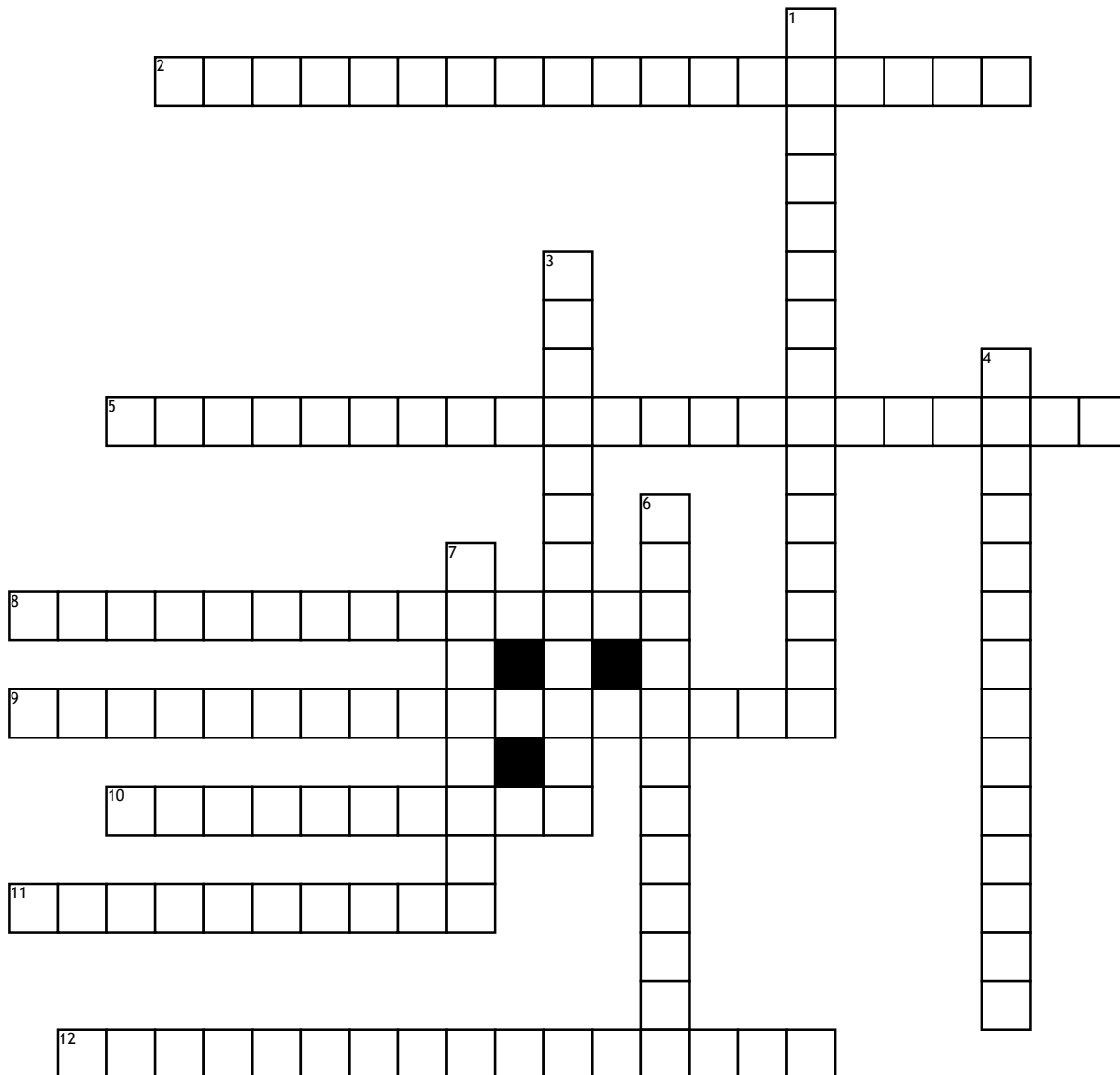


Changes in polpulations



Across

2. What's the name of the genetic variation study?
5. What's the name of the hypothesis that evolutionary development is marked by isolated episodes of rapid speciation between long periods of little or no change?
8. What's the name of something that had a major change over time?
9. What's the specific name for the diversification of a group of organisms into forms filling different ecological niches?

10. How is called the evolution of new species by small genetic changes over long periods of time?
11. New species are formed in the course of evolution. How is the process called?
12. What's the name of the process where organisms try to adapt to their environment, tend to survive and produce more offspring?

Down

1. What's the name for the natural selection arising through preference by one sex for certain characteristics in individuals of the other sex?

3. How is a theory of evolution based upon inherited variations in organisms in terms of natural selection and modern population genetics called?
4. What's the name of change in allele frequencies that occurs over time within a population?
6. how are the variations in the relative frequency of different genotypes in a small population called?
7. What's the name of the change that occurs in our DNA sequence either due to mistakes when the DNA is copied or as the result of environmental factors?