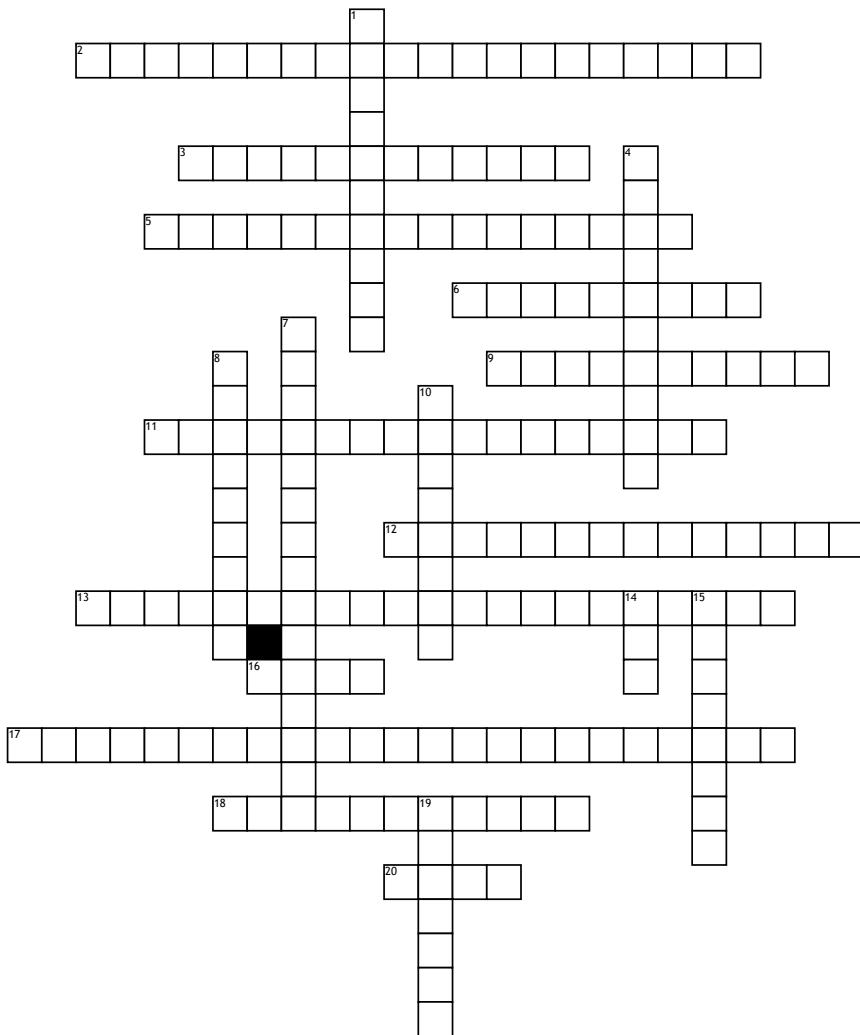


# Ecology

**Across**

2. What is anaerobic bacteria that breaks down organic matter producing methane gas which is then released into the atmosphere?
3. What is the level of the food chain at which an organism is found?
5. This is a natural phenomenon that has allowed for a warmer atmosphere earth which allowed for evolution to occur on earth...
6. Heterotrophs are...?
9. What are mushrooms and bacteria an example of?
11. What are Decomposers?

12. When there is no significant difference between the distribution of two species it is the...

13. When there is a significant difference between the distribution of species, it is the...
16. What forms when organic matter is not fully decomposed because of acidic and/or anaerobic conditions in water logged soils?
17. What is an example of how someone can help limit the effects of climate change?
18. What forms from decayed plants and animals that have been subject to heat and pressure?
20. What type of wavelength do Green House Gases Trap?

**Down**

1. What is another name for primary consumers?
4. What is any organism that breaks down organic matter?
7. What is an effect of rising temperatures?
8. What is a vulture an example of?
10. An autotroph is a...?
14. What is an example of a Green House Gas?
15. What is the initial source of energy for food webs?
19. What is similar to a food chain but more complicated?

**Word Bank**

Methanogenic Bacteria	Producer	Decomposer	Herbivores
Reduce energy consumption	Saprotroph	Nutrient Recyclers	Consumers
Fossil Fuels	Null Hypothesis	sunlight	Long
H <sub>2</sub> O	Alternative Hypothesis	Trophic Level	Rising sea levels
Food Web	Detrivore	Peat	Green House Effect