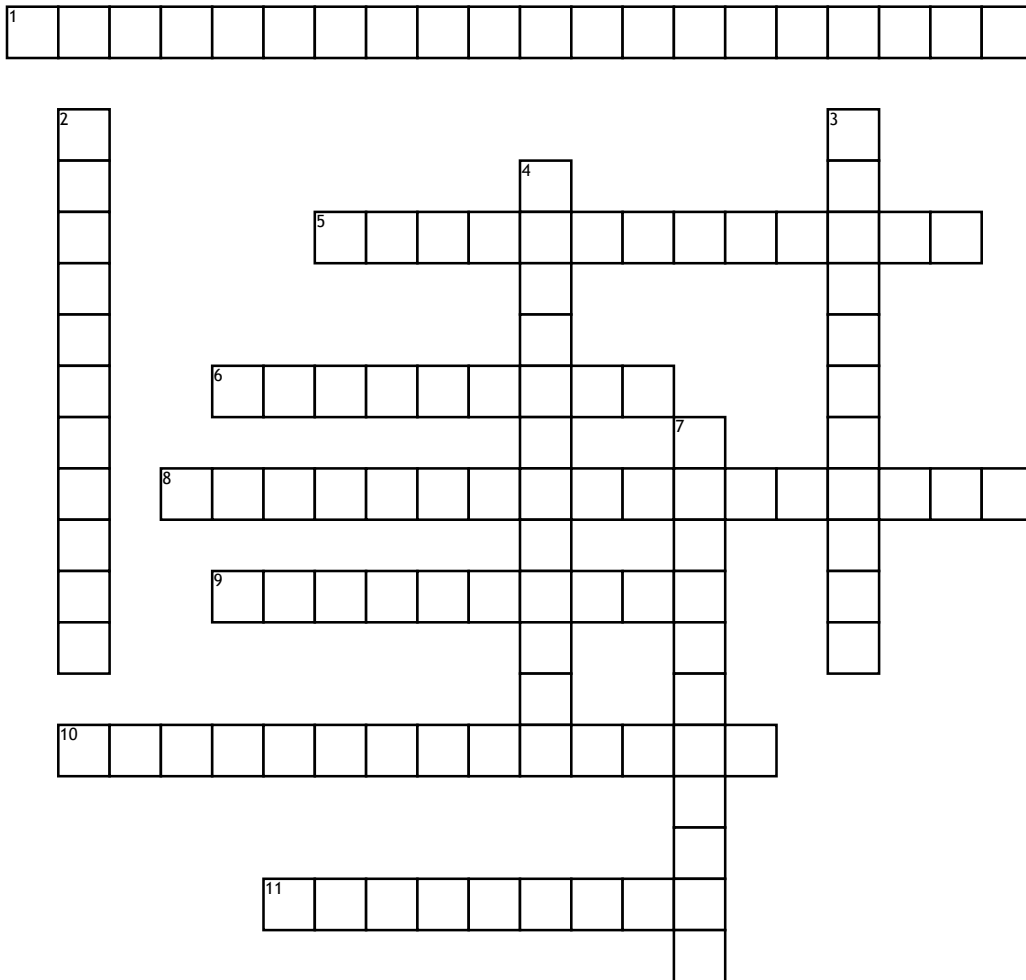


The bases of eco and epigenetics



Across

- 1. A covalent post-translation modification to histone protein.
- 5. A process in which Epigenome is erased.
- 6. Shapes physical structure of genome.
- 8. A process of silencing genes through DNA methylation.
- 9. The term 'epigenetics' was coined by whom?
- 10. Methyl groups are added to the DNA molecules

- 11. Complex of DNA, RNA and protein found in eukaryotic cells

Down

- 2. Genetic assimilation of certain phenotypic characteristics in.....
- 3. Study of heritable changes in gene expression
- 4. RNA molecule that is not translated into protein.
- 7. A DNA sequence that can change its position within a genome.

Word Bank

Genetic imprinting
 Waddington
 DNA methylation
 Chromatin

Reprogramming
 Histone modifications
 Epigenome
 Drosophilla

Non-coding RNA
 Transposons
 Epigenetics