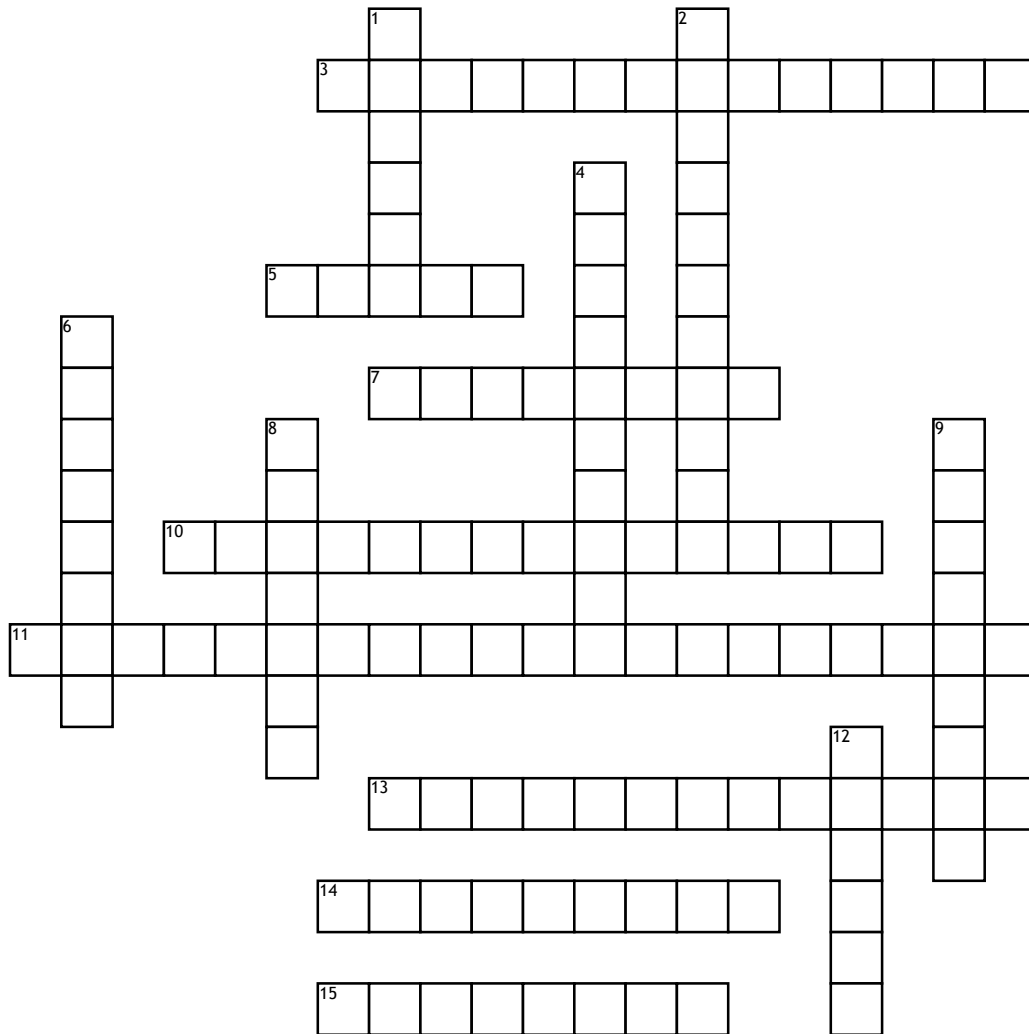


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Classification Crossword



**Across**

- 3. an ancestral species from which later species evolved
- 5. 1st word in a scientific name
- 7. Scientist who introduced scientific names and basis for our current classification system
- 10. organism that makes its own food using chemicals
- 11. Two word naming system for scientific names

13. characteristics that appear in recent parts of group but not in its older members (traits on cladograms)

- 14. What classification today is based on
- 15. Science of classifying organisms

**Down**

- 1. The largest and broadest level of classification
- 2. made of a single cell
- 4. domain of organisms who cells do not have a nucleus

6. unicellular prokaryotic organisms without a nucleus

- 8. a group of organisms that can interbreed and produce fertile offspring
- 9. domain of organisms that have a nucleus present
- 12. warm-blooded, hair on skin, female produce milk, lungs and diaphragm present, internal fertilization, embryos develop inside mother's body

**Word Bank**

- |                 |                |             |                       |
|-----------------|----------------|-------------|-----------------------|
| domain          | derived traits | taxonomy    | binomial nomenclature |
| common ancestor | phylogeny      | species     | eukaryote             |
| bacteria        | mammal         | Linnaeus    | prokaryote            |
| genus           | chemoautotroph | unicellular |                       |