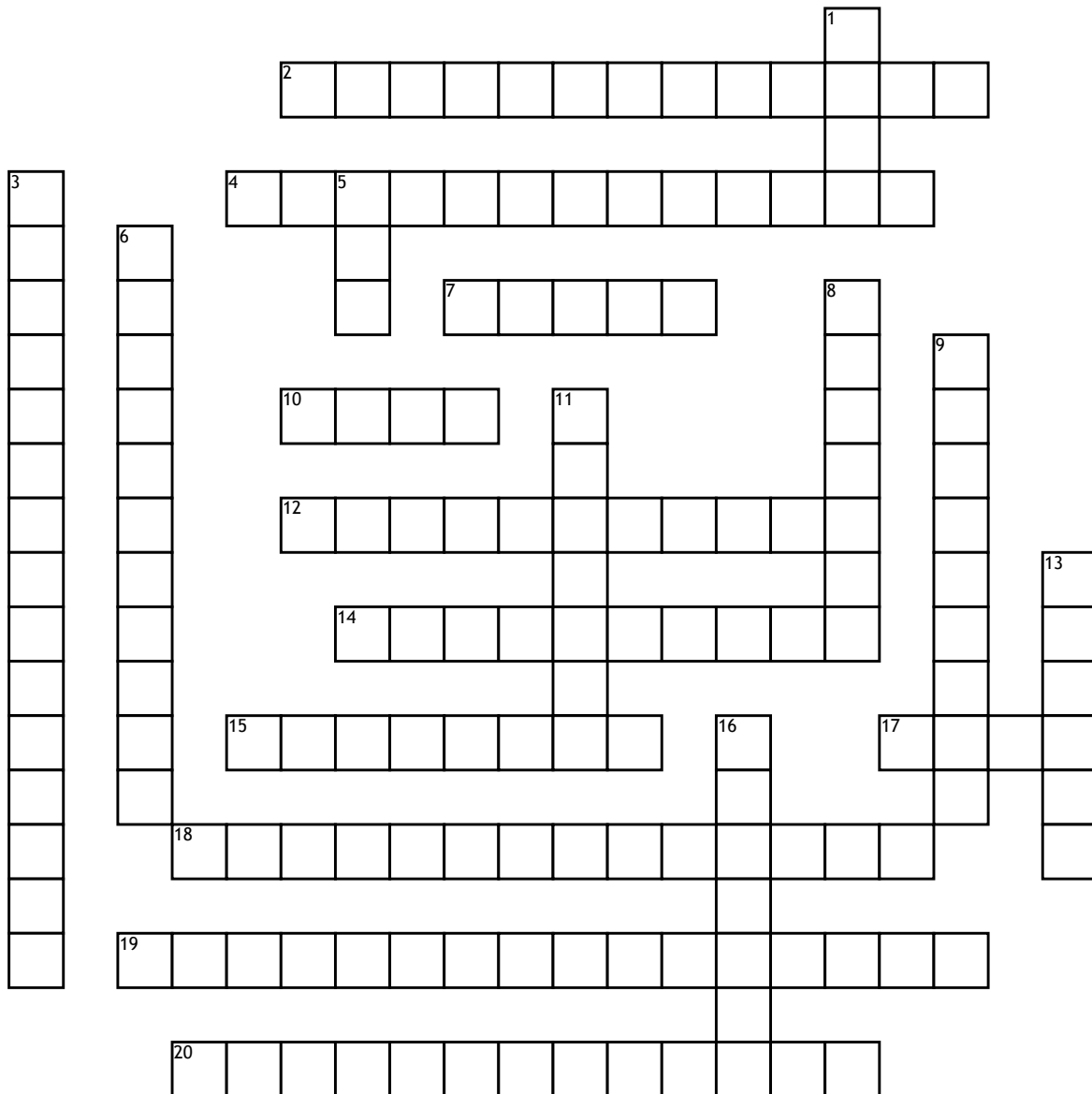


# Conservation Crossword



**Across**

- 2. A group of short-chained complex carbohydrates that surround cellulose fibres.
- 4. A natural thermoplastic.
- 7. German word for strong.
- 10. This fibre appears elliptical and triangular on cross section under a microscope.
- 12. This pollutant contains soda ash, sodium sulphide, and lignin.
- 14. What type of polymer springs back to its original state after being twisted or pulled?
- 15. Important component of animal cells.
- 17. Fibres from an animal pressed together.

- 18. What is the process where the linking of monomers form long-chained molecules?
- 19. This simple process produces a continuous Prussian Blue image.
- 20. This type of photograph had a plate that was copper covered with a surface layer of AgI formed by exposing silver to iodine vapors.

**Down**

- 1. This fibre's outer layer is flat with a scaly epidermis.
- 3. Occurs when the silver in a photograph degrades.
- 5. This paper is labor-intensive to make and is today reserved for special purposes (e.g. banknotes and artists' materials).
- 6. The development process used today for color negative film.

- 8. Egyptian word that originally meant "that which belongs in the house".
- 9. This polymer will decompose before it melts and strengthens during the heating process, but it cannot be remolded or reheated after the initial heat-forming.
- 11. Formed from the partial hydrolysis of collagen.
- 13. These fibres swell in water, but do not become tubular again.
- 16. I am the internal energy degrees of freedom, and the capacity to absorb heat without a change in temperature. What am I?