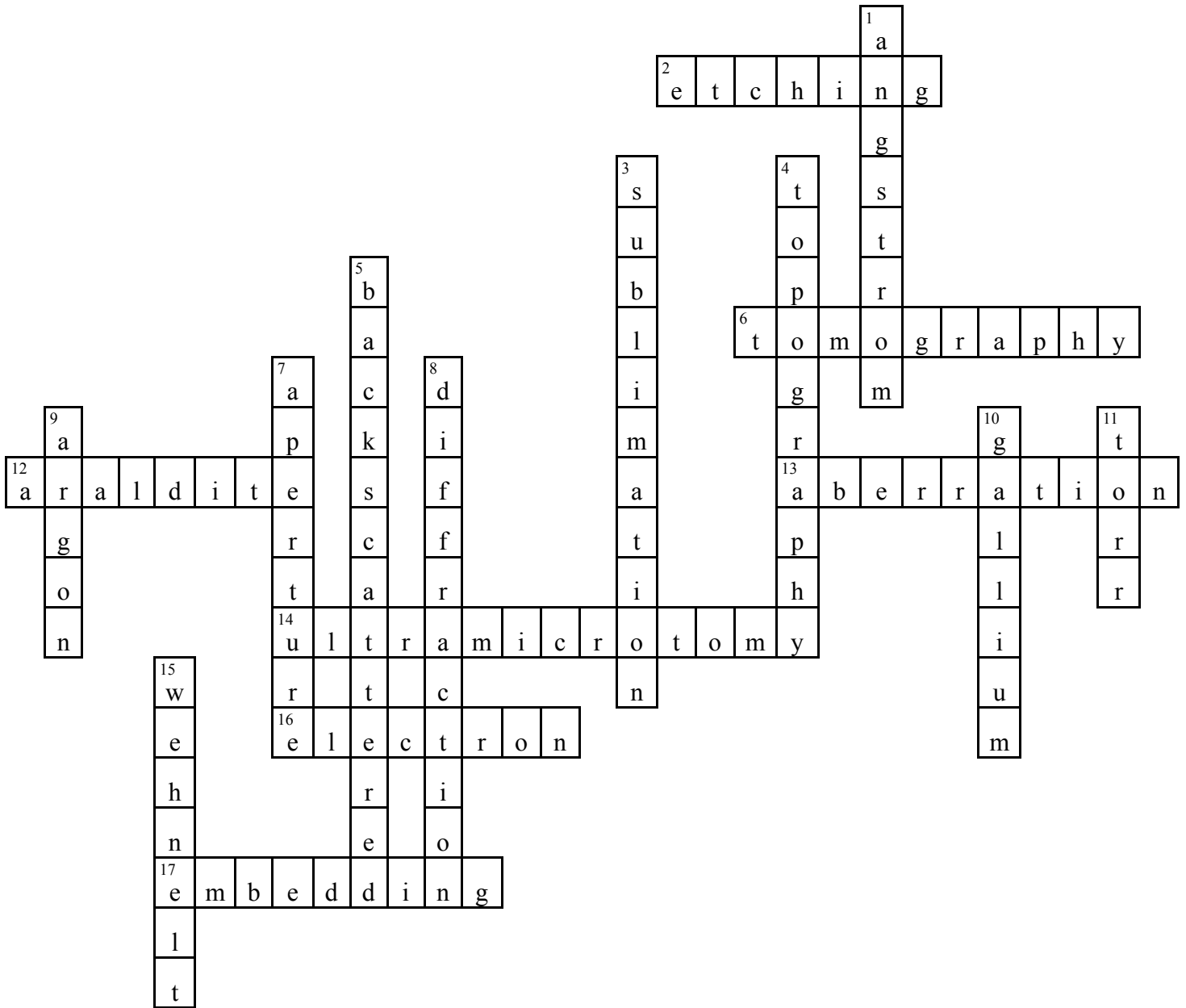


# Crossword Puzzle for Electron Microscopists



## Across

2. A process that removes very fine quantities of material
6. A reconstruction method of three-dimensional internal structures through computer image processing of many projection images
12. A common resin used to embed biological tissue into a hardened block
13. Distortion of an image from the ideal optical image
14. A method for cutting specimens into extremely thin slices
16. An sub-atomic particle orbits around the nucleus of an atom
17. The process of infiltration of biological tissue with wax or resin

## Down

1. A metric unit of length measurement
3. The process of transition of a substance from the solid phase to the gas phase without passing through an intermediate liquid phase.
4. The surface features of an object
5. A type of electrons produced during an elastic collision
7. A thin disk with a small hole used to restrict electron beam
8. Periodic scattering of moving objects when they collide with an orderly pattern of fixed objects.
9. A widely used gas during sputter coating
10. An ion source used for Dualbeam SEM
11. A unit of measure of pressure

**15.** A cylindrical electrode installed in the electron gun that converges electron beam emitted from the electron gun