



The vascular cambium is a secondary meristem that produces secondary xylem and secondary phloem. The secondary xylem is located towards the center of the stem, and the secondary phloem is located towards the periphery. The vascular cambium is a thin layer of cells that grows in a ring around the stem.

The secondary xylem is made up of tracheids and vessels. The secondary phloem is made up of sieve tubes and phloem fibers. The vascular cambium is a thin layer of cells that grows in a ring around the stem.

## TRACHEID



Cell wall	Cell lumen	Pits

The tracheid is a type of water-conducting cell in the xylem. It is rectangular in shape with tapered ends. The cell wall is thick, and there are pits on the cell wall. The central part is the cell lumen.