

According to Henry Dixon's cohesion-tension theory, what is the driving force moving water from the roots to the leaves of a tree?

- A gravity
- B diffusion
- C transpiration
- D active transport

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According to the cohesion-tension theory of water transport, water in the xylem vessels is pulled upward by the drying power of air, which creates continuous negative pressures (tensions) that extend downward from leaves to roots.

Answer **C**.