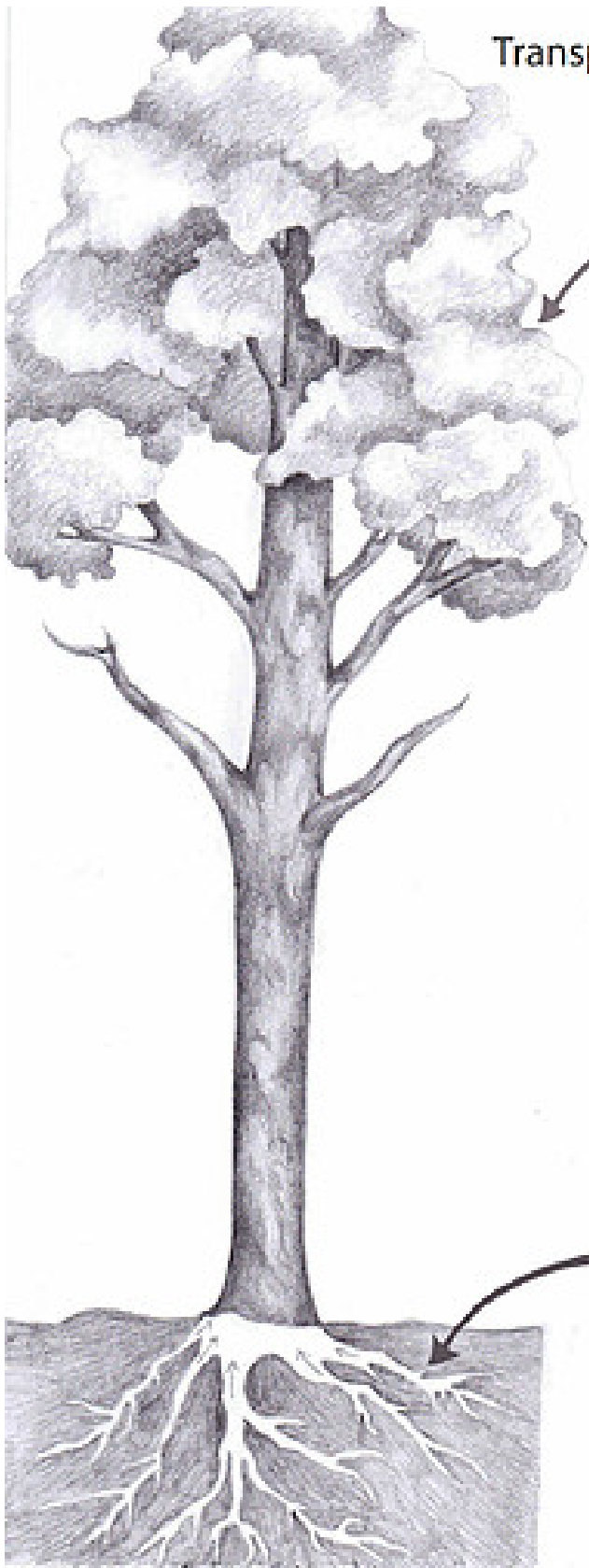


Transpiration



Guard cells control the size of the stomata opening regulating CO₂ gas and water exchange. Transpiration is the loss of water through the stomatal opening.

Water molecules move up the xylem through cohesion and adhesion.

Water and dissolved minerals are drawn into the root through the root hairs. The water moves to the xylem through symplast and apoplast.