

# 8 Transpiration and translocation – Part 2

## —Answers

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Work through these after trying the questions yourself.

**8.6** The loss of water vapour from the leaves of a plant.

**8.7** The stomata.

**8.8** Any two of: a higher temperature; more wind; drier air (lower humidity).

**8.9** A part that makes or releases sucrose, for example a leaf.

**8.10** Growing roots, a growing shoot, or a storage organ (any one).

**8.11** On a hot, windy day **transpiration** is fast, so water is lost from the leaves faster than the roots can replace it. The cells lose water and become **flaccid**, so the plant **wilts**.