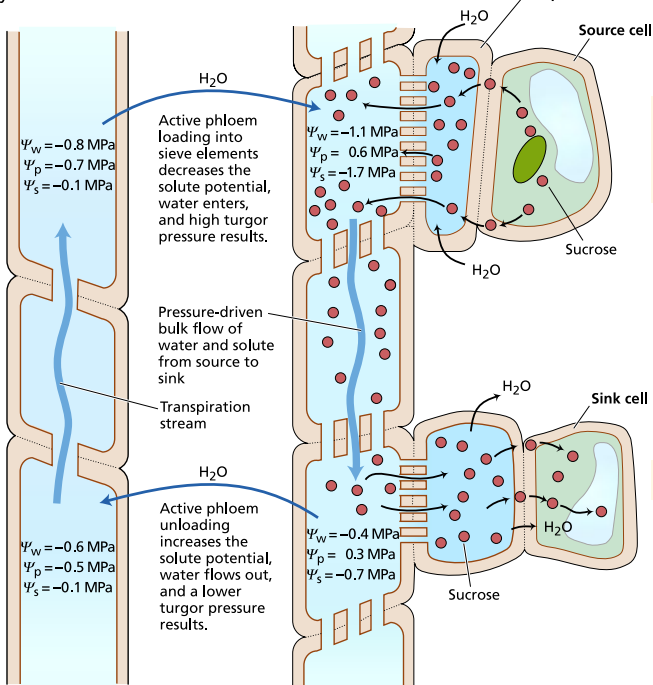


Xylem vessel elements

Phloem sieve elements

Companion cell



Sugar at the source, illustrated here by sucrose (red spheres) is actively loaded into the sieve element-companion cell complex.

At the sink, sugars are unloaded.