## Trees in city, pampered or parched?

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## 24 trees, 4 species, 3 locations in Montreal





## Method

We measured leaf water potential as proxy for tree water status and experienced drought stress.

## Results

Dry period in July decreased water potential of all species except for Norway maple. Honey locust, particularly on lawn, showed most negative leaf water potentials  $\rightarrow$  most vulnerable to drought stress?



Trees species have various water use strategies → How do 4 common street tree species differ in daily water use?



> Next up: how environmental variables affect temporal variation of water use among the species and locations?