**Traits I ignored from CItree and why**

Climate conditions

**De-icing salt risk:** The database already records"salinity\_tolerance" as a trait.

**Plant Hardiness zone:** I have not included this category. Perhaps these could be retrieved from the habitat or native range of species? For example northern NSW rainforest plants would be suited to a specific climate.

Soil conditions

**Soil moisture**: “moist” is already sublevel of the “soil\_character” trait. I also have supplementary\_watering as a trait.

Tree Appearance

**Leaf shape**: I disregarded this as it seemed more of a botanical identification trait? It might be easy to retrieve this trait from a “hard trait” database?

**Inflorescence type:** I did not include this trait as it seemed more relevant to botanical identification, rather than something that would inform landscape designers on which species to plant?

Ecosystem services

**Hardiness from industrial emissions**: pollution\_tolerance trait.

**Nitrous and ozone absorption:** Although I have seen something like this in the itree database (<https://species.itreetools.org/selector/>), I thought it may not be as relevant for Australian cities as those in Europe or the US?

**Particulates absorption**: similar to the previous trait. Data seems to be scarce as well.

Maintenance and risks

**Undergrowth potential:** Perhapsthis is captured by the “pruning” sublevel of “maintenance\_activities” which is already in the database. It indicates if a plant requires pruning to retain its appearance or shape.