# Possible metrics linked to PAFTOL data

**Source of data:**

https://sftp.kew.org/pub/treeoflife/releases/

**Datasets:**

Select from either flowering plants or fungi

Same format for both (not data for fungi yet)

**Visuals:**

1. Data table - with number of flowering plants (species\_manifest.txt)
   1. Releases: 0.1, 1.0, 1.1, 2.0, 2.1, 3.0
2. Value box – gauge. Targets are 13,600 flowering plant genera and 8,200 fungal genera.
3. Value box - with sparklines – percentage completion
4. Map – with embedded controls (sidebar) to switch between order, families and genera

From WCVP we have data on numbers of unique orders, families and genera per TDWG region – we can compare this with the number of orders, families and genera in the PAFTOL releases.

Choropleth maps can show % completion e.g. if there are 100 families in Madagascar and we have 95 family entries in PAFTOL we show a value of 95%

**Processing needed:**

* Add WCVP IDs to species\_manifest data
* Join TDWG data to species\_manifest data and get count of order, family and genera per TDWG region (could change to different TDWG levels? 1 and 2?)
* Use rWCVP to get summary count of native species per TDWG level 3 at order, family and genera scale
* Get % coverage for each group and add to leaflet map