

SUPPLEMENTAL I-TREE ECO DATA REPORTS

11/28/2018

These tables are provided as an example of summary output produced from an analysis of campus tree inventory data using i-Tree Eco v6, and contain several data points discussed in the report. Ecosystem services of campus trees are shown separately for the main campus (8,542 trees) and the Old-Growth Forest (548 trees) and are included in the two 'Benefits Summary by Species' tables. Importance values for all main campus tree species are shown below in 'Importance Value by Species', and potential susceptibility of main campus trees to pests are displayed, by district, in 'Susceptibility to Pests by Strata.'

Benefits Summary by Species:

Shows four types of calculated ecosystem service values and structural value totaled for each species identified on campus, out of a total population of 8,542 trees. Identification by genus only indicates a total for all trees within that genus whose species were unknown, rather than a total of all recorded trees in that genus. Total figures for all trees are given at the bottom of the table.

Benefits Summary by Species (Old-Growth Forest):

Shows four types of calculated ecosystem service values and structural value totaled for each species identified in the Old-Growth Forest, out of a total population of 548 trees. Identification by genus only indicates a total for all trees within that genus whose species were unknown, rather than a total of all recorded trees in that genus. Total figures for all trees are given at the bottom of the table.

Importance Value by Species:

Indicates the total percent population (relative abundance), percent leaf area, and their sum, Importance Value, for each tree species identified on campus, out of a total population of 8,542 trees. Identification by genus only indicates a total for all trees within that genus whose species were unknown, rather than a total of all recorded trees in that genus.

Susceptibility to Pests by Strata:

Indicates campus trees' susceptibility to a series of 34 potential pests and pathogens of the region, for a total population of 8,542 trees. Listed for each of 11 campus master planning districts are the total number of trees, the structural value, and leaf area (in percent and acres) susceptible. Total figures for all pests combined are given at the bottom of the table.