**SUPPLEMENTARY MATERIAL B**

**Correlations among all metrics included in the endangerment value matrix, for target species in four priority genera at The Morton Arboretum: *Malus*, *Quercus*, *Tilia* and *Ulmus*.** The top right section of the matrix shows the correlation coefficient (r) for each pair. The distribution of the data is shown on the diagonal. A significant correlation (p value less than the alpha value of 0.05) is signified by one or more red stars (\* p value is <0.05, \*\* is <0.01, \*\*\* is <0.001). The first chart (1) shows results for all target species, while subsequent charts (2-5) show results for target species in each genus separately. For *Malus* and *Tilia*, very few target species had climate change and pest/disease vulnerability data, so for these genera the climate change and pest/disease vulnerability metrics were not scored.

1. **All target species (182)**

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1. **Target *Malus* species (34)**



1. **Target *Quercus* species (100)**



1. **Target *Tilia* species (18)**

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1. **Target *Ulmus* species (30)**

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