

# Conservation in the City: The UW-BG Collection at the Arboretum



**Introduction** The UW-BG's goal is to assess their collection of plants of global conservation concern every 5 years, however, the last assessment was performed in 2001. By now, we expect that the collection has grown in scope, due to continued habitat loss of species worldwide.

**Why?** The UW-BG collection at the Arboretum is of critical importance, as ex-situ cultivation of wild-provenance stock is rapidly becoming a key strategy of global conservation efforts. In this way, genetic diversity is preserved and these grand species may continue to exist.

## Methods

1. Check current UW-BG plant list against the most recent Redlist published by the International Union for the Conservation of Nature (IUCN)
2. Update the UW BG-Base with current IUCN conservation criteria
3. Perform field checks of individual specimens to assess overall health and vigor
4. Review the provenance of the specimens in the Collection, so conservation value may be ranked



**To Date** Nearly 10% of the entire Collection is of conservation importance, with nearly a four-fold increase in at-risk species since 2001

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