



Rock Garden Renovation at Missouri Botanical Garden

Mariel Tribby

- Title slide: (clockwise from top left) *Echinocereus triglochidiatus*, *Iris* 'Pixie', *Oenothera macrocarpa*, *Saponaria cypria*, *Leontopodium palibinianum*, *Penstemon davidsonii*
- Aerial view of Heckman Rock Garden
- *Allium* 'Millenium', *Crambe maritima*, *Agastache rupestris* 'Apache Sunset'
- *Helenium amarum*, *Astragalus canadensis*
- First bed before renovation 2016
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- Plants, boulders and soil removed
- Irrigation and drainage
- Base layer of soil 50 % topsoil and 50% pea gravel
- Top layer 50% haydite 50% coarse sand
- Adding in boulders and pathway
- 2017 bed finished
- 2020 view with *Ephedra equisetina*, *Opuntia polyacantha* 'Red Glory', *Fallugia paradoxa*, *Yucca filamentosa*
- Crevice feature 2017
- Crevice 2020 with *Opuntia* 'Super Rutila', *Echinocereus reichenbachii* var. *baileyi*, *Heterotheca jonesii*
- Washout challenge
- *Cleome serrulata* and *Manfreda virginica*
- *Penstemon cyanocaulis*
- *Oenothera organensis*
- *Chilopsis linearis*
- Second bed before renovation
- Second bed in spring, *Tulipa* 'Lady Jane', *Pulsatilla vulgaris*
- Adding in new base layer 2018
- All boulders and pathway complete
- 2018 bed finished
- 2018 crevice feature
- 2020 crevice feature with *Armeria maritima*, *Alyssum montanum* subsp. *plucanescens*, *Phedimus kamtschaticus*
- 2018 tufa feature
- Cuttings on tufa flowering in 2020, *Silene saxifraga*, *Globularia cordifolia* subsp. *cordifolia*
- 2019 scree slope with *Carex nigra*
- *Orostachys iwarenge*
- *Hippocrepis comosa*
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- Washout challenge along sidewalk
- Plant placement, challenges of soil mix
- Video from early May 2020
- Thank you and *Papaver apulum*