

Sedge Sanctuary – Plant List Proposal

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Background

- UBNA was a dump from 1926-1966₁
- Restoration began 1970 w/ goal to practice, promote research, and teach about restoration₂
- Sedge Sanctuary - SER restoration site
- Problem: invasives, low native diversity
- Solution: remove weeds, create plant list, plant native species in the spring
- Goal: increase ecological benefits of site, uphold nursery goals and values





Poplar tree smothered by ivy. Picture taken Nov. 21, 2022, after most of the blackberry had been removed.

Sedge Sanctuary Conditions and Needs

- Weeds: bindweed, ivy, blackberry
 - Low native diversity
 - Wetland
 - Full sun
 - Moist - wet soil
 - Slightly acidic soil
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- Plants need to be able to tolerate these conditions
 - Plants need to provide ecological benefits
 - Filtration
 - Soil stabilization
 - Wildlife food and shelter



Plant List Proposal Overview

- *Athyrium filix-femina* (Lady Fern)
- *Carex Obnupta* (Slough Sedge)
- *Cornus Cericea* (Red Osier Dogwood)
- *Fraxinus latifolia* (Oregon Ash)
- *Physocarpus capitatus* (Pacific Ninebark)
- *Rosa Pisocarpa* (Swamp Rose/Cluster Rose)
- *Salix scouleriana* (Scouler's Willow)



Athyrium filix-femina (Lady Fern)

- Deciduous Herb₃
- Vigorous and Spreading₃
- Does well in wetlands₃
- Foliage used as food and shelter for wildlife₃
- Grown at SER-UW Native Plant Nursery



Photo from UW Bothell₃

Carex obnupta (Slough Sedge)

- Evergreen Sedge₄
- Shelter and food for duck and shorebirds₄
- Spreads readily₄
- Erosion control₅
- Streambank stabilization₅
- Sediment retention and nutrient uptake, leading to improved water quality₅
- Available from SER-UW Native Plant Nursery - February



Picture from Seven Oaks Native Nursery₁₆

Cornus cericea (Red Osier Dogwood)

- Deciduous shrub₆
- Can withstand very wet soil₆
- Forms thicket - good for wildlife₆
- Fire resistant₆
- Soil stabilizer₆
- Berries for wildlife₆
- SER-UW Native Plant Nursery grows
Cornus cericea in the coppice garden



Photo from King Conservation District₆

Fraxinus latifolia (Oregon Ash)

- Deciduous tree₇
- Great for revegetating wet areas₇
- Fire resistant₇
- Food and shelter for wildlife₇
- Suited for poorly drained soil₈
- Grown at SER-UW Native Plant Nursery



Picture from Native Plants PNW₁₇

Physocarpus capitatus (Pacific Ninebark)

- Deciduous shrub₉
- Fire resistant₉
- Food and shelter for wildlife₉
- Tolerates a wide variety of stresses₉
- Grows aggressively₁₀
- May shade out invasives₁₀
- Can tolerate semi-acidic soil₁₁
- Available from SER-UW Nursery - March



Picture from King County Native Plant Guide₉

Rosa pisocarpa (Swamp Rose/Cluster Rose)

- Deciduous Shrub₁₂
- Fruits persist through winter - food for wildlife₁₂
- Slightly acidic soil₁₂
- Bank stabilization₁₃
- Barrier plant - dense thicket₁₃
- Available at SER-UW Native Plant Nursery



Photo from Native Plants PNW₁₃

Salix scouleriana (Scouler's Willow)

- Deciduous Shrub₁₄
- Found at edges of wetlands₁₄
- Food and shelter for a variety of animals from butterfly larvae to deer₁₄
- Does well in moist soil and likes full sun ₁₄
- Soil stabilization₁₅
- Shade to cool water temperature₁₅
- Provides wood debris to water, creating fish habitat₁₅
- Available at SER-UW Native Plant Nursery



Photo from King Conservation District₁₅

Acknowledgements



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Sources

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Photo credits:

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Thank you!

