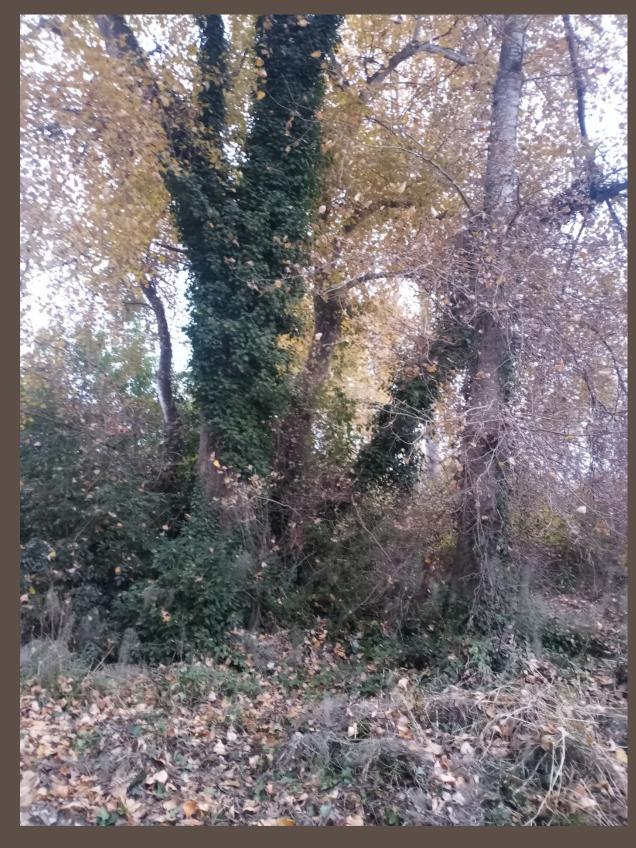
# Sedge Sanctuary – Plant

Alexandria Crabtree FA 2022

#### Background

- UBNA was a dump from 1926-1966<sub>1</sub>
- Restoration began 1970 w/ goal to practice, promote research, and teach about restoration<sub>2</sub>
- 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
- 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 Herb<sub>3</sub>
- Vigorous and Spreading<sub>3</sub>
- Does well in wetlands<sub>3</sub>
- Foliage used as food and shelter for wildlife<sub>3</sub>
- Grown at SER-UW Native Plant Nursery

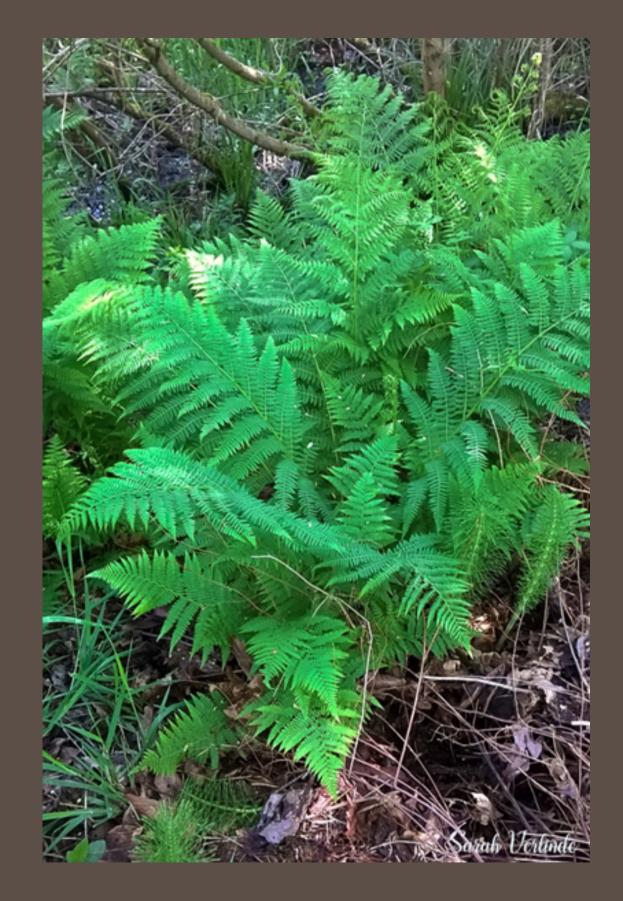


Photo from UW Bothell<sub>3</sub>

#### Carex obnupta (Slough Sedge)

- Evergreen Sedge<sub>4</sub>
- Shelter and food for duck and shorebirds<sub>4</sub>
- Spreads readily<sub>4</sub>
- Erosion control<sub>5</sub>
- Streambank stabilization<sub>5</sub>
- Sediment retention and nutrient uptake, leading to improved water quality<sub>5</sub>
- Available from SER-UW Native Plant Nursery - February



Picture from Seven Oaks Native Nursery<sub>16</sub>

## Cornus cericea (Red Osier Dogwood)

- Deciduous shrub<sub>6</sub>
- Can withstand very wet soil<sub>6</sub>
- Forms thicket good for wildlife<sub>6</sub>
- Fire resistant<sub>6</sub>
- Soil stabilizer<sub>6</sub>
- Berries for wildlife<sub>6</sub>
- SER-UW Native Plant Nursery grows Cornus cericea in the coppice garden

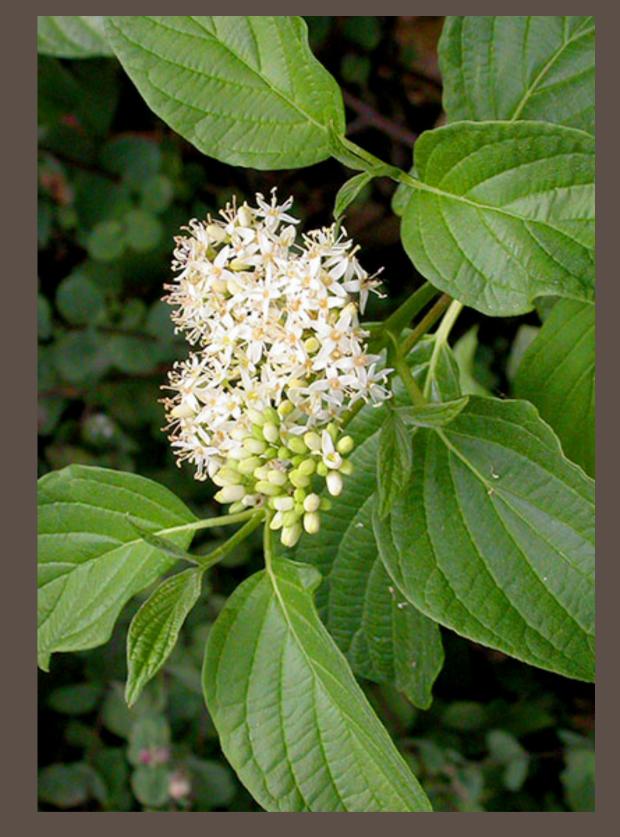


Photo from King Conservation District<sub>6</sub>

#### Fraxinus latifolia (Oregon Ash)

- Deciduous tree<sub>7</sub>
- Great for revegetating wet areas<sub>7</sub>
- Fire resistant<sub>7</sub>
- Food and shelter for wildlife<sub>7</sub>
- Suited for poorly drained soil8
- Grown at SER-UW Native Plant Nursery



Picture from Native Plants PNW<sub>17</sub>

### Physocarpus capitatus (Pacific Ninebark)

- Deciduous shrub<sub>9</sub>
- Fire resistant<sub>9</sub>
- Food and shelter for wildlife9
- Tolerates a wide variety of stresses<sub>9</sub>
- Grows aggressively<sub>10</sub>
- May shade out invasives<sub>10</sub>
- Can tolerate semi-acidic soil<sub>11</sub>
- Available from SER-UW Nursery March



Picture from King County Native Plant Guide<sub>9</sub>

#### Rosa pisocarpa (Swamp Rose/Cluster Rose)

- Deciduous Shrub<sub>12</sub>
- Fruits persist through winter food for wildlife<sub>12</sub>
- Slightly acidic soil<sub>12</sub>
- Bank stabilization<sub>13</sub>
- Barrier plant dense thicket<sub>13</sub>
- Available at SER-UW Native Plant Nursery



Photo from Native Plants PNW<sub>13</sub>

### Salix scouleriana (Scouler's Willow)

- Deciduous Shrub<sub>14</sub>
- Found at edges of wetlands<sub>14</sub>
- Food and shelter for a variety of animals from butterfly larvae to deer<sub>14</sub>
- Does well in moist soil and likes full sun 14
- Soil stabilization<sub>15</sub>
- Shade to cool water temperature<sub>15</sub>
- Provides wood debris to water, creating fish habitat<sub>15</sub>
- Available at SER-UW Native Plant Nursery



Photo from King Conservation District<sub>15</sub>

### Acknowledgements



Jackson Wright (SER-UW Native Plant Nursery Student Assistant) - Site information, work party organizer

Lea Dyga - (SER-UW Native Plant Nursery Manager) - Site information, species cultivation records 2023

#### Sources

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#### Photo credits:

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