Shoreview Park Restoration Plan
2017 Master Native Plant Stewardship Program
Washington Native Plant Society

Washington Native Plant Society

Work Plan Amendments

Prepared By
Joy Wood, M.S.
Restoration Analytics & Design LLC
On behalf of
Washington Native Plant Society

Work Plan Comments from KCD
Very well thought-out plant selection, looking at the surrounding plant community and the ecosystem as a whole to determine which species are best suited to that habitat. Glad to see in your timeline that you all plan to stay involved beyond your one-year commitment!

Concern – BMPs for removing English ivy were not addressed in the work plan.

Solution – The Shoreview stewards verbally discussed ivy removal techniques, but inadvertently omitted them from the written work plan. Ivy will be hand-pulled from the ground, and survival rings will be created using a pruning saw where it grows up trees. (see page 8)

Concern – The planting plan includes the premature use of the ground cover species, fringecup, and far more shrubs than WNPS recommended.

Solution – The following adjustments were made to the planting plan: (see page 10)

WNPS Planting Recommendations

Habit	Total Plant Space (ft^2)	Portion	Density (ft. oc)	# Total
Potted Trees	10,890	3%	8	41
Potted Shrubs	10,890	5%	4	136
Live stake shrubs	10,890	0%	1.5	0

Steward Planting Proposal, Adjustments, and Verification							
Habit	**Species**	**# Plants**	**Proposed Planting Total**	**Map Planting Zone(s)**	**Verification**	**Planting Justification by Restoration Qualities**	**Final Plant # Total**
Potted Trees	*Abies grandis*	15	45	1,2,3	✓	Tree canopy; and these trees are well-suited for conditions at the Shoreview restoration site	45
	Arbuts menziesii	5		1,2,3,4,5	✓		
	Pinus contorta	10		1,2,3,4,5	✓		
	Pseudotsuga menziesii	5		1,2	✓		
	Thuja plicata	10		2,3,4,5	✓		
Potted Shrubs	*Amelanchier alnifolia*	15	195	1,2	✓	Rhizomatous and forms dense colonies[1]	130
	Berberis aquifolium	10		1,2,3	✓	Rhizomatous,[1] exists on site	
	~~*Berberis nervosa*~~	~~30~~		NA	×	This low-growing plant does not transplant well, nor will it compete well with invasive species; best to install after several years of invasive control; not originally found on the site	
	Corylus cornuta	10		2,3,4,5	✓	Shares ecology with Indian plum	
	Gautheria shallon	30		4,5	✓	Binds soil - erosion control[2]	
	Polystichum munitum	50		1,2,3,4,5	✓	Drought tolerant, soil slope stability, erosion control, invasive competition[1–3]	
	Rosa gymnocarpa	15		1,2,3	✓	Crowd control for trails	
	~~*Symphoricarpos albus*~~	~~15~~		NA	×	Although this plant has soil binding qualities, it is not presently found on the site, and does not fit the potential ecosystem	
	~~*Vaccinium ovatum*~~	~~20~~		NA	×	Does not transplant well[3] and is currently not found on the site; will not necessarily outcompete invasive species, best to add more Polystichum munitum instead	

Steward Planting Proposal, Adjustments, and Verification cont'd							
Habit	**Species**	**# Plants**	**Proposed Planting Total**	**Map Planting Zone(s)**	**Verification**	**Planting Justification by Restoration Qualities**	**Final Plant # Total**
4" Pots	*Lonicera ciliosa*	10	50	3,4,5	✓	Vine; exists on site	50
	Tellima grandiflora	40		3,4,5	✓	Rhizomatous, grows and spreads quickly to form thick mattes, often found on disturbed sites, therefore might outcompete some invasive species such as *Hedera helix*;[3,1] already exists in large quantities on the site	

Concern – Is there a concern for exposed bare soil and erosion control on steeply sloped areas?

Solution – Using GIS, slopes were calculated at Shoreview Park to range from 20% to 35%.[4] At the eastern end of the site the slope is gentle, but the invasive blackberry and ivy cover is substantial. Upon invasive removal, and prior to native planting, stewards plan to engage volunteers to mulch this area. It is advised to sheet mulch, using a burlap base for invasive and erosion control because bare soil will be exposed here as the current native plant cover, (including tree canopy) is sparse. Fortunately on the steeper slopes, current native plant cover includes hardy and prolific trees and shrub species such as Indian plum, sword fern, salal, ocean spray, tall Oregon grape, and fringecup. (see page 7)

Concern – (WNPS) The planting plan does not indicate installation zones that correlate with the map.

Solution – Zones were added to the map (see below) and planting grid (see above).
(see page 6)