



Vegetation Unit Summaries for **Clatsop Butte Park (CLAT)**

Report date: 7/29/2009

'\*' = non-native invasive species

Visit data as of: 7/29/2009

**Unit CLAT\*001**

**Size:** 9.76 Acres

**NVCS Class:** Herbaceous

**NVCS Subclass:** Perennial graminoid vegetation

**NVCS Group:** Temperate grassland with a sparse tree layer

**NVCS SubGroup:** Cultural

**NVCS Ecological System:** unknown

**Landform:** unknown

**Slope:** unknown

**Aspect:** unknown

**Unit CLAT\*002**

**Size:** 8.16 Acres

**NVCS Class:** Herbaceous

**NVCS Subclass:** Perennial graminoid vegetation

**NVCS Group:** Temperate grassland with a sparse tree layer

**NVCS SubGroup:** Cultural

**NVCS Ecological System:** unknown

**Landform:** unknown

**Slope:** unknown

**Aspect:** unknown

**Unit CLAT\*003**

**Size:** 15.19 Acres

**NVCS Class:** Forest

**NVCS Subclass:** Deciduous forest

**NVCS Group:** Cold-deciduous forest

**NVCS SubGroup:** Natural / Semi-natural

**NVCS Ecological System:** unknown

**Landform:** Side-hill, Upper 3rd

**Slope:** Gentle (5 to 10%)

**Aspect:** Northeast

**Visit date:** 3/21/2008

**Ecological Health:** Poor.

**% Tree canopy:** 85%

**% Non-Native Cover:** 90

**Management Note:**

There are many roads being used by ATV's in this unit. Nearby residents are creating wood forts and causing some litter.

**Eco Note:**

This unit is a young stand of *Alnus rubra* with mostly blackberry understory. The blackberry is especially large and dense near the top of the unit around the houses.

**Wetland indicators:** Springs, Hydrophilic Vegetation.

**Primary Management concerns:** Invasives, Erosion, Trampling, Litter, Large Refuse, Informal Trails.

**Visit Species:**

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
<i>Alnus rubra</i> (red alder)	50% to 75%	Y	5-10"		
<i>Rubus discolor</i> (Himalayan blackberry)	50% to 75%	Y			
<i>Urtica dioica</i> (stinging nettle)	10% to 20%	Y			
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i> (black cott)	1% to 10%		20-30"		
<i>Pseudotsuga menziesii</i> (Douglas fir)	1% to 10%		20-30"	Y	
<i>Thuja plicata</i> (western red cedar)	1% to 10%		20-30"	Y	
<i>Acer macrophyllum</i> (bigleaf maple)	1% to 10%		10-20"		
<i>Oemleria cerasiformis</i> (Indian-plum)	1% to 10%				
<i>Polystichum munitum</i> (sword fern)	1% to 10%				
<i>Symphoricarpos albus</i> (snowberry)	1% to 10%				
<i>Tolmiea menziesii</i> (piggy-back plant)	1% to 10%				
<i>Prunus avium</i> (sweet pie cherry)	trace		0-5"		
<i>Crataegus monogyna</i> (European hawthorn)	trace				
<i>Galium aparine</i> (cleavers)	trace				
<i>Ilex aquafolium</i> (English holly)	trace				
<i>Rubus spectabilis</i> (salmonberry)	trace				
<i>Rumex obtusifolius</i> (bitter dock)	trace				

**Unit CLAT\*004**

**Size:** 2.86 Acres

**NVCS Class:** Shrubland

**NVCS Subclass:** Deciduous shrubland

**NVCS Group:** Cold-deciduous shrubland

**NVCS SubGroup:** Natural / Semi-natural

**NVCS Ecological System:** unknown

**Landform:** Side-hill, Upper 3rd

**Slope:** Gentle (10 to 20%)

**Aspect:** East

**Visit date:** 3/21/2008

**Ecological Health:** Severely Degraded.

**% Tree canopy:** 5%

**% Non-Native Cover:** 100

**General Note:**

The unit is mostly grass that gets mowed periodically.

**Management Note:**

Blackberry and English Hawthorn are establishing around the margins of the mowed area.

**Eco Note:**

There is some native tree and shrub regeneration in the small gullies that border the south edge of the unit.

**Primary Management concerns:** Invasives, Litter, Large Refuse, Informal Trails.

**Visit Species:**

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
<i>Dactylis glomerata</i> (orchard grass)	50% to 75%	Y			
<i>Rubus discolor</i> (Himalayan blackberry)	20% to 50%	Y			
<i>Crataegus monogyna</i> (European hawthorn)	1% to 10%	Y			
<i>Alnus rubra</i> (red alder)	1% to 10%		0-5"	Y	
<i>Plantago lanceolata</i> (English narrowleaf buckhorn)	1% to 10%				
<i>Pseudotsuga menziesii</i> (Douglas fir)	trace		0-5"		Y
<i>Thuja plicata</i> (western red cedar)	trace		0-5"		Y
<i>Cirsium vulgare</i> (bull thistle)	trace				
<i>Hypochaeris radicata</i> (hairy cats-ear)	trace				
<i>Oemleria cerasiformis</i> (Indian-plum)	trace				

## Unit CLAT\*005

**Size:** 9.2 Acres

**NVCS Class:** Forest

**NVCS Subclass:** Mixed evergreen-deciduous forest

**NVCS Group:** Mixed needle-leaved evergreen - cold-deciduous forest

**NVCS SubGroup:** Natural / Semi-natural

**NVCS Ecological System:** unknown

**Landform:** Side-hill, Lower 3rd

**Slope:** Steep (20 to 30%)

**Aspect:** Northeast

**Visit date:** 3/21/2008

**Ecological Health:** Fair.

**% Tree canopy:** 90%

**% Non-Native Cover:** 15

### General Note:

The unit has a dense canopy of Western red cedar with Bigleaf maples interspersed throughout. Invasive species do not seem to be a major problem.

### Management Note:

There is extensive soil compaction and erosion being caused by ATV use.

### Eco Note:

The ecological health was assessed lower as a 3 because of ATV use and the resulting clearing, soil compaction, and erosion.

**Wetland indicators:** Streams, Springs, Hydrophilic Vegetation, Standing Flowing Water.

**Primary Management concerns:** Invasives, Erosion, Soil Compaction, Litter, Large Refuse, Informal Trails.

### Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
<i>Thuja plicata</i> (western red cedar)	50% to 75%	Y	20-30"	Y	
<i>Acer macrophyllum</i> (bigleaf maple)	20% to 50%	Y	20-30"		
<i>Polystichum munitum</i> (sword fern)	10% to 20%	Y			
<i>Urtica dioica</i> (stinging nettle)	10% to 20%	Y			
<i>Oemleria cerasiformis</i> (Indian-plum)	1% to 10%	Y			
<i>Pseudotsuga menziesii</i> (Douglas fir)	1% to 10%		20-30"		
<i>Alnus rubra</i> (red alder)	1% to 10%		10-20"		
<i>Montia sibirica</i> (Siberian minerslettuce)	1% to 10%				
<i>Rubus discolor</i> (Himalayan blackberry)	1% to 10%				
<i>Rubus spectabilis</i> (salmonberry)	1% to 10%				
<i>Prunus avium</i> (sweet pie cherry)	trace		5-10"		
<i>Dicentra formosa</i> (Pacific western Bleeding-heart)	trace				
<i>Galium aparine</i> (cleavers)	trace				
<i>Hedera helix</i> (English ivy)	trace				
<i>Ilex aquafolium</i> (English holly)	trace				
<i>Lactuca muralis</i> (wall lettuce)	trace				