



Vegetation Unit Summaries for **Council Crest Park (COCR)**

Report date: 7/29/2009

'*' = non-native invasive species

Visit data as of: 7/29/2009

Unit COCR*001

Size: 15.64 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: CES204.845 North Pacific Dry Douglas-fir Forest and Woodland

Landform: Side-hill, Upper 3rd

Slope: Extremely Steep (over 30%)

Aspect: Northwest

Notes:

Visit date: 8/31/2004

Ecological Health: Fair.

% Tree canopy: 80%

% Non-Native Cover: 15

General Note:

Unit is the north top ridge below the peak of Council crest.

Management Note:

Several formal & informal trails /roads/trolley grades traverse the unit.

Eco Note:

Even aged tree stand of PSME. This unit does not seem to have as many invasives as nearby units / parks.

Primary Management concerns: Invasives, Informal Trails.

Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
<i>Pseudotsuga menziesii</i> (Douglas fir)	20% to 50%	Y	20-30 "	Y	
<i>Acer macrophyllum</i> (bigleaf maple)	20% to 50%	Y	10-20 "	Y	
<i>Polystichum munitum</i> (sword fern)	20% to 50%	Y			
<i>Symphoricarpos albus</i> (snowberry)	20% to 50%	Y			
<i>Hedera helix</i> (English ivy)	10% to 20%				
<i>Acer circinatum</i> (vine maple)	1% to 10%				
<i>Berberis nervosa</i> (Oregon grape)	1% to 10%				
<i>Corylus cornuta</i> (western beaked hazelnut)	1% to 10%				
<i>Ilex aquafolium</i> (English holly)	1% to 10%				
<i>Abies grandis</i> (grand fir)	trace		20-30 "	Y	
<i>Prunus avium</i> (sweet pie cherry)	trace		0-5 "		
<i>Sorbus aucuparia</i> (European mountain ash)	trace		0-5 "		
<i>Thuja plicata</i> (western red cedar)	trace		0-5 "	Y	
<i>Tsuga heterophylla</i> (western hemlock)	trace		0-5 "	Y	
<i>Alliaria petiolata</i> (garlic mustard)	trace				
<i>Arctium minus</i> (lesser burdock)	trace				
<i>Crataegus monogyna</i> (European hawthorn)	trace				
<i>Geranium robertianum</i> (herb-Robert)	trace				
<i>Geum urbanum</i> (herb bennet)	trace				
<i>Hypochaeris radicata</i> (hairy cats-ear)	trace				
<i>Lapsana communis</i> (common nipplewort)	trace				
<i>Prunella vulgaris</i> var. <i>vulgaris</i> (common selfheal)	trace				
<i>Prunus laurocerasus</i> (English laurel)	trace				
<i>Rubus discolor</i> (Himalayan blackberry)	trace				
<i>Rumex obtusifolius</i> (bitter dock)	trace				
<i>Smilacina stellata</i> (starry false-Solomon's seal)	trace				
<i>Taraxacum officinale</i> (common dandelion)	trace				

Tiarella trifoliata (foamflower)	trace
Trifolium pratense (red clover)	trace
Vancouveria hexandra (white inside-out-flower)	trace

Unit COCR*002

Size: 0.83 Acres
NVCS Class: Shrubland
NVCS Subclass: Deciduous shrubland
NVCS Group: Cold-deciduous shrubland
NVCS SubGroup: Cultural
NVCS Ecological System: unknown
Landform: unknown
Slope: unknown
Aspect: unknown

Notes: The vegetation in this unit is being topped to maintain the view from Council Crest Park.

Unit COCR*003

Size: 7.30 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: CES204.845 North Pacific Dry Douglas-fir Forest and Woodland
Landform: Side-hill, Upper 3rd
Slope: Extremely Steep (over 30%)
Aspect: Southwest
Notes:

Visit date: 9/8/2004

Ecological Health: Fair.

% Tree canopy: 80%

General Note:

On the south side of the park this was a mixed unit.

Management Note:

Invasives were throughout with heavy road invasives.

Eco Note:

SYAL main understory shrub.

Primary Management concerns: Invasives, Litter, Informal Trails.

Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
<i>Pseudotsuga menziesii</i> (Douglas fir)	20% to 50%	Y	20-30"	Y	
<i>Acer macrophyllum</i> (bigleaf maple)	20% to 50%	Y	10-20"	Y	
<i>Polystichum munitum</i> (sword fern)	20% to 50%	Y			
<i>Symphoricarpos albus</i> (snowberry)	20% to 50%	Y			
<i>Hedera helix</i> (English ivy)	20% to 50%				
<i>Gaultheria shallon</i> (salal)	10% to 20%	Y			
<i>Corylus avellana</i> (common filbert)	10% to 20%				
<i>Acer platanoides</i> (Norway maple)	1% to 10%		5-10"	Y	
<i>Prunus avium</i> (sweet pie cherry)	1% to 10%		5-10"		
<i>Amelanchier alnifolia</i> (serviceberry)	1% to 10%				
<i>Berberis nervosa</i> (Oregon grape)	1% to 10%				
<i>Ilex aquafolium</i> (English holly)	1% to 10%				
<i>Rubus discolor</i> (Himalayan blackberry)	1% to 10%				
<i>Sorbus aucuparia</i> (European mountain ash)	trace		0-5"		
<i>Alliaria petiolata</i> (garlic mustard)	trace				
<i>Crataegus monogyna</i> (European hawthorn)	trace				
<i>Cytisus scoparius</i> (Scot's broom)	trace				
<i>Daucus carota</i> (Queen Anne's lace)	trace				
<i>Geranium robertianum</i> (herb-Robert)	trace				

Geum urbanum (herb bennet)	trace
Holcus lanatus (velvet grass)	trace
Lathyrus polyphyllus (Pacific leafy peavine)	trace
Phalaris arundinacea (reed canarygrass)	trace
Plantago major (common plantain)	trace
Prunus laurocerasus (English laurel)	trace
Rumex obtusifolius (bitter dock)	trace
Taraxacum officinale (common dandelion)	trace
Trifolium pratense (red clover)	trace

Unit COCR*004

Size: 2.11 Acres
NVCS Class: Herbaceous
NVCS Subclass: Perennial graminoid vegetation
NVCS Group: Temperate grassland
NVCS SubGroup: Cultural
NVCS Ecological System: unknown
Landform: unknown
Slope: unknown
Aspect: unknown
Notes: Mowed grass under the main transmitter tower.

Unit COCR*005

Size: 1.4 Acres
NVCS Class: Sparse vegetation
NVCS Subclass: Consolidated rock sparse vegetation
NVCS Group: Sparsely vegetated bedrock or pavement
NVCS SubGroup: Cultural
NVCS Ecological System: unknown
Landform: unknown
Slope: unknown
Aspect: unknown
Notes: Access road to Council Crest Park.

Unit COCR*006

Size: 3.57 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
Notes: Grass and viewing area at the top of Council Crest Park.

Unit COCR*007

Size: 2.97 Acres
NVCS Class: Woodland
NVCS Subclass: Mixed evergreen-deciduous woodland
NVCS Group: Mixed needle-leaved evergreen - cold-deciduous woodland
NVCS SubGroup: Cultural
NVCS Ecological System: unknown
Landform: unknown

Slope: unknown

Aspect: unknown

Notes: Grass slope southeast of the top. This is a picnic area.

Unit COCR*008

Size: 2.85 Acres

NVCS Class: Herbaceous

NVCS Subclass: Perennial graminoid vegetation

NVCS Group: Temperate grassland

NVCS SubGroup: Cultural

NVCS Ecological System: unknown

Landform: unknown

Slope: unknown

Aspect: unknown

Notes: Picnic area southeast of park bordering the entrance to the park.

Unit COCR*009

Size: 1.34 Acres

NVCS Class: Sparse vegetation

NVCS Subclass: Consolidated rock sparse vegetation

NVCS Group: Sparsely vegetated bedrock or pavement

NVCS SubGroup: Cultural

NVCS Ecological System: unknown

Landform: unknown

Slope: unknown

Aspect: unknown

Notes: SW Greenway Ave.

Unit COCR*010

Size: 5.90 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: CES204.002 North Pacific Maritime Wet-Mesic Douglas-fir-Western Hemlock Forest

Landform: Side-hill, Upper 3rd

Slope: Extremely Steep (over 30%)

Aspect: Northeast

Notes:

Visit date: 8/31/2004

Ecological Health: Fair.

% Tree canopy: 70%

% Non-Native Cover: 70

General Note:

Unit is bordered by SW Greenway Ave. and SW Fairmount Blvd.

Management Note:

Greenway Ave open spaces pose possible source of invasive entry into unit.

Primary Management concerns: Invasives, Litter.

Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
<i>Pseudotsuga menziesii</i> (Douglas fir)	20% to 50%	Y	20-30"		

Acer macrophyllum (bigleaf maple)	20% to 50%	Y	10-20"	Y
Hedera helix (English ivy)	20% to 50%	Y		
Polystichum munitum (sword fern)	20% to 50%	Y		
Acer circinatum (vine maple)	10% to 20%			
Ilex aquafolium (English holly)	10% to 20%			
Symphoricarpos albus (snowberry)	10% to 20%			
Alnus rubra (red alder)	1% to 10%		5-10"	
Berberis nervosa (Oregon grape)	1% to 10%			
Smilacina stellata (starry false-Solomon's seal)	1% to 10%			
Vancouveria hexandra (white inside-out-flower)	1% to 10%			
Thuja plicata (western red cedar)	trace		10-20"	Y
Abies grandis (grand fir)	trace		5-10"	Y
Sorbus aucuparia (European mountain ash)	trace		0-5"	
Alliaria petiolata (garlic mustard)	trace			
Crataegus monogyna (European hawthorn)	trace			
Geum urbanum (herb bennet)	trace			
Lonicera ciliosa (western orange honeysuckle)	trace			
Plantago major (common plantain)	trace			
Prunus laurocerasus (English laurel)	trace			

Unit COCR*011

Size: 8.65 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: CES204.002 North Pacific Maritime Wet-Mesic Douglas-fir-

Western Hemlock Forest

Landform: Side-hill, Middle 3rd

Slope: Extremely Steep (over 30%)

Aspect: Northeast

Notes:

Visit date: 8/31/2004

Ecological Health: Fair.

% Tree canopy: 75%

% Non-Native Cover: 70

General Note:

Unit is located north of SW Fairmount Boulevard. Tree topping is evident just outside unit on west edge.
Species of Interest: LOCI3.

Management Note:

Invasives have a significant presence in this unit--HEHE is found throughout and there are several large groves of ILAQ with depauperate soil underneath.

Eco Note:

Unit is a small complex of ravines and ridges dissected by a perennial stream. Although invasives dominate, the native plant structure is well developed with large sized TSHE and ABGR.

Wetland indicators: Streams, Hydrophilic Vegetation, Saturated Soils, Standing Flowing Water.

Primary Management concerns: Invasives, Utility Infrastructure.

Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
Hedera helix (English ivy)	50% to 75%				
Pseudotsuga menziesii (Douglas fir)	10% to 20%	Y	20-30"		
Tsuga heterophylla (western hemlock)	10% to 20%	Y	20-30"	Y	
Acer macrophyllum (bigleaf maple)	10% to 20%	Y	10-20"	Y	
Ilex aquafolium (English holly)	10% to 20%				
Polystichum munitum (sword fern)	10% to 20%				
Acer circinatum (vine maple)	1% to 10%	Y			
Abies grandis (grand fir)	1% to 10%		>30"		
Thuja plicata (western red cedar)	1% to 10%		>30"	Y	
Athyrium filix-femina (ladyfern)	1% to 10%				
Hydrophyllum tenuipes (Pacific waterleaf)	1% to 10%				
Prunus laurocerasus (English laurel)	1% to 10%				

Rubus spectabilis (salmonberry)	1% to 10%		
Vaccinium parvifolium (red huckleberry)	1% to 10%		
Vancouveria hexandra (white inside-out-flower)	1% to 10%		
Acer platanoides (Norway maple)	trace	0-5"	Y
Prunus avium (sweet pie cherry)	trace	0-5"	Y
Sorbus aucuparia (European mountain ash)	trace	0-5"	Y
Corylus avellana (common filbert)	trace		
Geranium robertianum (herb-Robert)	trace		
Geum urbanum (herb bennet)	trace		
Lonicera ciliosa (western orange honeysuckle)	trace		
Plantago major (common plantain)	trace		
Ranunculus repens (creeping buttercup)	trace		
Rubus discolor (Himalayan blackberry)	trace		
Rumex obtusifolius (bitter dock)	trace		
Solanum dulcamara (bittersweet nightshade)	trace		

Unit COCR*012

Size: 0.88 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: Extremely Steep (over 30%)

Aspect: Northeast

Notes:

Visit date: 9/21/2007

Ecological Health: Poor.

% Tree canopy: 80%

% Non-Native Cover: 85

General Note:

This unit is below the intersection of SW Talbot Rd. and SW Fairmount Blvd.

Management Note:

The holly is huge in this unit. The Prunus laurocerasus is large as well. Ivy covers most of the ground and is in a few of the trees.

Eco Note:

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

Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
Hedera helix (English ivy)	50% to 75%	Y			
Acer macrophyllum (bigleaf maple)	20% to 50%	Y	10-20"		
Pseudotsuga menziesii (Douglas fir)	10% to 20%	Y	20-30"		
Acer circinatum (vine maple)	10% to 20%	Y			
Ilex aquafolium (English holly)	10% to 20%	Y			
Polystichum munitum (sword fern)	10% to 20%	Y			
Prunus laurocerasus (English laurel)	10% to 20%	Y			
Thuja plicata (western red cedar)	10% to 20%		10-20"	Y	
Alnus rubra (red alder)	1% to 10%		10-20"		
Rubus discolor (Himalayan blackberry)	1% to 10%				
Prunus avium (sweet pie cherry)	trace		5-10"	Y	
Abies grandis (grand fir)	trace		0-5"	Y	
Sorbus aucuparia (European mountain ash)	trace		0-5"	Y	
Clematis vitalba (clematis)	trace				
Crataegus monogyna (European hawthorn)	trace				
Geranium robertianum (herb-Robert)	trace				
Rumex obtusifolius (bitter dock)	trace				