



Vegetation Unit Summaries for **West Portland Park Natural Area (WP)**

Report date: 7/29/2009

'*' = non-native invasive species

Visit data as of: 7/29/2009

Unit WP*001

Size: 2.80 Acres

NVCS Class: Woodland

NVCS Subclass: Mixed evergreen-deciduous woodland

NVCS Group: Mixed needle-leaved evergreen - cold-deciduous woodland

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: Gentle (10 to 20%)

Aspect: Southeast

Notes:

Visit date: 6/18/2003

Ecological Health: Poor.

% Tree canopy: 60%

% Non-Native Cover: not recorded

General Note:

Informal trails in east end of unit associated with residence.

Management Note:

Eco Note:

Invasives very heavy on west end.

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

Primary Management concerns: Invasives, Informal Trails.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|---|-------------|----------|--------|--------------|---------|
| 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 | | | |
| Rubus discolor (Himalayan blackberry) | 20% to 50% | Y | | | |
| Acer circinatum (vine maple) | 10% to 20% | Y | | | |
| Thuja plicata (western red cedar) | 10% to 20% | | 10-20" | Y | |
| Pseudotsuga menziesii (Douglas fir) | 1% to 10% | | 20-30" | | |
| Clematis vitalba (clematis) | 1% to 10% | | | | |
| Corylus avellana (common filbert) | 1% to 10% | | | | |
| Corylus cornuta (western beaked hazelnut) | 1% to 10% | | | | |
| Ilex aquafolium (English holly) | 1% to 10% | | | | |
| Oemleria cerasiformis (Indian-plum) | 1% to 10% | | | | |
| Symphoricarpos albus (snowberry) | 1% to 10% | | | | |
| Prunus laurocerasus (English laurel) | trace | | | | |

Unit WP*002

Size: 1.76 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: CES204.844 Oregonian-Vancouverian Maritime Western Hemlock

Forest

Landform: Side-hill, Middle 3rd
Slope: Gentle (5 to 10%)
Aspect: East
Notes:

Visit date: 6/17/2003

Ecological Health: Good.
% Tree canopy: 75%
% Non-Native Cover: not recorded
General Note:

Management Note:

ILAQ patches could be easily removed before getting out of hand.

Eco Note:

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

Primary Management concerns: Invasives.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|---|-------------|----------|--------|--------------|---------|
| <i>Pseudotsuga menziesii</i> (Douglas fir) | 20% to 50% | Y | 20-30" | | |
| <i>Acer macrophyllum</i> (bigleaf maple) | 20% to 50% | Y | 10-20" | Y | |
| <i>Acer circinatum</i> (vine maple) | 20% to 50% | Y | | | |
| <i>Vancouveria hexandra</i> (white inside-out-flower) | 10% to 20% | Y | | | |
| <i>Polystichum munitum</i> (sword fern) | 10% to 20% | | | | |
| <i>Berberis nervosa</i> (Oregon grape) | 1% to 10% | | | | |
| <i>Ilex aquafolium</i> (English holly) | 1% to 10% | | | | |
| <i>Oemleria cerasiformis</i> (Indian-plum) | 1% to 10% | | | | |
| <i>Rubus parviflorus</i> (thimbleberry) | 1% to 10% | | | | |
| <i>Rubus ursinus</i> (trailing blackberry) | 1% to 10% | | | | |
| <i>Corylus avellana</i> (common filbert) | trace | | | | |
| <i>Corylus cornuta</i> (western beaked hazelnut) | trace | | | | |
| <i>Lonicera ciliosa</i> (western orange honeysuckle) | trace | | | | |

Unit WP*003

Size: 1.45 Acres
NVCS Class: Forest
NVCS Subclass: Deciduous forest
NVCS Group: Cold-deciduous forest
NVCS SubGroup: Natural / Semi-natural
NVCS Ecological System: CES204.846 North Pacific Broadleaf Mesic Seral Forest
Landform: Side-hill, Middle 3rd
Slope: Steep (20 to 30%)
Aspect: Southeast
Notes:

Visit date: 6/17/2003

Ecological Health: Poor.

% Tree canopy: 70%
% Non-Native Cover: not recorded
General Note:

Management Note:

Remove knotweed from NE edge of unit - associated with nearby residence.

Eco Note:

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

Primary Management concerns: Invasives, Domestic Animals, Informal Trails.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|--|-------------|----------|--------|--------------|---------|
| Acer macrophyllum (bigleaf maple) | 20% to 50% | Y | 10-20" | Y | |
| Rubus discolor (Himalayan blackberry) | 20% to 50% | Y | | | |
| Vancouveria hexandra (white inside-out-flower) | 20% to 50% | Y | | | |
| Alnus rubra (red alder) | 10% to 20% | | 5-10" | Y | |
| Polystichum munitum (sword fern) | 10% to 20% | | | | |
| Acer circinatum (vine maple) | 1% to 10% | | | | |
| Galium aparine (cleavers) | 1% to 10% | | | | |
| Ilex aquafolium (English holly) | 1% to 10% | | | | |
| Polygonum cuspidatum (Japanese knotweed) | 1% to 10% | | | | |
| Rubus parviflorus (thimbleberry) | 1% to 10% | | | | |
| Rubus ursinus (trailing blackberry) | 1% to 10% | | | | |
| Sambucus racemosa (red elderberry) | 1% to 10% | | | | |
| Thuja plicata (western red cedar) | trace | | 5-10" | Y | |
| Corylus avellana (common filbert) | trace | | | | |
| Corylus cornuta (western beaked hazelnut) | trace | | | | |
| Hedera helix (English ivy) | trace | | | | |

Unit WP*004

Size: 3.66 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: Steep (20 to 30%)

Aspect: Southeast

Notes:

Visit date: 6/16/2003

Ecological Health: Fair.

% Tree canopy: 75%

% Non-Native Cover: not recorded

Management Note:

ILAQ and PRLA need to be eradicated now while it would be fairly easy before they become unmanageable.

Eco Note:

Good diversity in all layers with few invasives.

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

Primary Management concerns: Invasives, Litter, Utility Infrastructure, Informal Trails.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|-----------------------------------|-------------|----------|--------|--------------|---------|
| Acer macrophyllum (bigleaf maple) | 20% to 50% | Y | 10-20" | Y | |

| | | | | |
|--|------------|---|---------|---|
| Acer circinatum (vine maple) | 20% to 50% | Y | | |
| Polystichum munitum (sword fern) | 20% to 50% | Y | | |
| Pseudotsuga menziesii (Douglas fir) | 10% to 20% | Y | 20-30 " | |
| Alnus rubra (red alder) | 10% to 20% | | 10-20 " | Y |
| Berberis nervosa (Oregon grape) | 10% to 20% | | | |
| Rubus discolor (Himalayan blackberry) | 10% to 20% | | | |
| Vancouveria hexandra (white inside-out-flower) | 10% to 20% | | | |
| Geum macrophyllum (largeleaf avens) | 1% to 10% | | | |
| Hedera helix (English ivy) | 1% to 10% | | | |
| Ilex aquafolium (English holly) | 1% to 10% | | | |
| Rubus parviflorus (thimbleberry) | 1% to 10% | | | |
| Sambucus racemosa (red elderberry) | 1% to 10% | | | |
| Symphoricarpos albus (snowberry) | 1% to 10% | | | |
| Thuja plicata (western red cedar) | trace | | 0-5" | Y |
| Crataegus monogyna (European hawthorn) | trace | | | |
| Prunus laurocerasus (English laurel) | trace | | | |

Unit WP*005

Size: 1.25 Acres

NVCS Class: Woodland

NVCS Subclass: Mixed evergreen-deciduous woodland

NVCS Group: Mixed needle-leaved evergreen - cold-deciduous woodland

NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: CES204.869 North Pacific Lowland Riparian Forest and Shrubland

Landform: Side-hill, Middle 3rd

Slope: Gentle (10 to 20%)

Aspect: East

Notes:

Visit date: 6/16/2003

Ecological Health: Poor.

% Tree canopy: 50%

% Non-Native Cover: not recorded

General Note:

Management Note:

Restoration plantings should be checked and vegetation cleared around them.

Eco Note:

RUDI2 is heavy in spots throughout unit. Removal could be easily accomplished.

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

Primary Management concerns: Invasives, Litter, Utility Infrastructure, Informal Trails.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|---|-------------|----------|---------|--------------|---------|
| Rubus discolor (Himalayan blackberry) | 50% to 75% | Y | | | |
| Alnus rubra (red alder) | 20% to 50% | Y | 20-30 " | Y | |
| Acer circinatum (vine maple) | 20% to 50% | Y | | | |
| Pseudotsuga menziesii (Douglas fir) | 10% to 20% | Y | 20-30 " | | |
| Geum macrophyllum (largeleaf avens) | 1% to 10% | | | | |
| Hydrophyllum tenuipes (Pacific waterleaf) | 1% to 10% | | | | |
| Rubus parviflorus (thimbleberry) | 1% to 10% | | | | |
| Rubus spectabilis (salmonberry) | 1% to 10% | | | | |
| Urtica dioica (stinging nettle) | 1% to 10% | | | | |
| Athyrium filix-femina (ladyfern) | trace | | | | |
| Cornus sericea ssp. sericea (red-osier dogwood) | trace | | | | |
| Crataegus monogyna (European hawthorn) | trace | | | | |
| Hedera helix (English ivy) | trace | | | | |

Unit WP*006

Size: 1.75 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: Steep (20 to 30%)

Aspect: Northeast

Notes:

Visit date: 6/18/2003

Ecological Health: Poor.

% Tree canopy: 65%

% Non-Native Cover: not recorded

General Note:

Two young bucks with branched antlers spotted within unit, near southern end.

Management Note:

Eco Note:

RUDI2, PRLA, HEHE all present in plot. Disturbed area dominated by RUDI2.

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

Primary Management concerns: Invasives, Homeless Camp, Informal Trails.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|---|-------------|----------|---------|--------------|---------|
| Acer macrophyllum (bigleaf maple) | 20% to 50% | Y | 10-20 " | | |
| Acer circinatum (vine maple) | 20% to 50% | Y | | | |
| Polystichum munitum (sword fern) | 20% to 50% | Y | | | |
| Thuja plicata (western red cedar) | 10% to 20% | | 20-30 " | Y | |
| Hedera helix (English ivy) | 10% to 20% | | | | |
| Rubus discolor (Himalayan blackberry) | 10% to 20% | | | | |
| Hydrophyllum tenuipes (Pacific waterleaf) | 1% to 10% | | | | |
| Oemleria cerasiformis (Indian-plum) | 1% to 10% | | | | |
| Rubus spectabilis (salmonberry) | 1% to 10% | | | | |
| Pseudotsuga menziesii (Douglas fir) | trace | | >30 " | | |
| Tsuga heterophylla (western hemlock) | trace | | 10-20 " | | |
| Sorbus aucuparia (European mountain ash) | trace | | 0-5 " | | |
| Ilex aquafolium (English holly) | trace | | | | |
| Prunus laurocerasus (English laurel) | trace | | | | |

Unit WP*007

Size: 2.40 Acres

NVCS Class: Woodland

NVCS Subclass: Mixed evergreen-deciduous woodland

NVCS Group: Mixed needle-leaved evergreen - cold-deciduous woodland

NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: CES204.844 Oregonian-Vancouverian Maritime Western Hemlock Forest

Landform: Side-hill, Lower 3rd

Slope: Gentle (5 to 10%)

Aspect: East

Notes:

Visit date: 6/18/2003

Ecological Health: Fair.

% Tree canopy: 45%

% Non-Native Cover: not recorded

General Note:

Management Note:

Eco Note:

Southern side of creek has severe RUDI2 patches consisting of only RUDI2 and RUUR.

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

Primary Management concerns: Invasives, Domestic Animals.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|--|-------------|----------|--------|--------------|---------|
| Rubus discolor (Himalayan blackberry) | 50% to 75% | Y | | | |
| Acer macrophyllum (bigleaf maple) | 10% to 20% | Y | 10-20" | | |
| Rubus ursinus (trailing blackberry) | 10% to 20% | | | | |
| Pseudotsuga menziesii (Douglas fir) | 1% to 10% | Y | 20-30" | | |
| Alnus rubra (red alder) | 1% to 10% | | 5-10" | | |
| Acer circinatum (vine maple) | 1% to 10% | | | | |
| Berberis nervosa (Oregon grape) | 1% to 10% | | | | |
| Corylus avellana (common filbert) | 1% to 10% | | | | |
| Corylus cornuta (western beaked hazelnut) | 1% to 10% | | | | |
| Polystichum munitum (sword fern) | 1% to 10% | | | | |
| Rubus spectabilis (salmonberry) | 1% to 10% | | | | |
| Ilex aquafolium (English holly) | trace | | | | |
| Monotropa uniflora (indianpipe) | trace | | | | |
| Rosa gymnocarpa (dwarf wood rose) | trace | | | | |
| Vancouveria hexandra (white inside-out-flower) | trace | | | | |

Unit WP*008

Size: 0.95 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: Steep (20 to 30%)

Aspect: North

Notes:

Visit date: 6/17/2003

Ecological Health: Good.

% Tree canopy: 80%

% Non-Native Cover: not recorded

General Note:

Management Note:

Invasives spotty, could be removed easily with minimal effort

Eco Note:

Unit is in good shape. Diversity in structural layers, good downed wood. Another survey going on within unit (bird survey?)

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

Primary Management concerns: Invasives.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|--|-------------|----------|--------|--------------|---------|
| Polystichum munitum (sword fern) | 50% to 75% | Y | | | |
| Pseudotsuga menziesii (Douglas fir) | 20% to 50% | Y | 20-30" | | |
| Acer macrophyllum (bigleaf maple) | 20% to 50% | Y | 10-20" | Y | |
| Acer circinatum (vine maple) | 20% to 50% | Y | | | |
| Hydrophyllum tenuipes (Pacific waterleaf) | 10% to 20% | Y | | | |
| Berberis nervosa (Oregon grape) | 10% to 20% | | | | |
| Ilex aquafolium (English holly) | 1% to 10% | | | | |
| Rubus ursinus (trailing blackberry) | 1% to 10% | | | | |
| Sambucus racemosa (red elderberry) | 1% to 10% | | | | |
| Vancouveria hexandra (white inside-out-flower) | 1% to 10% | | | | |
| Thuja plicata (western red cedar) | trace | | 0-5" | Y | |

Unit WP*009

Size: 1.24 Acres

NVCS Class: Woodland

NVCS Subclass: Deciduous woodland

NVCS Group: Cold-deciduous woodland

NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: CES204.846 North Pacific Broadleaf Mesic Seral Forest

Landform: Side-hill, Upper 3rd

Slope: Steep (20 to 30%)

Aspect: North

Notes:

Visit date: 6/17/2003

Ecological Health: Poor.

% Tree canopy: 50%

% Non-Native Cover: not recorded

General Note:

Management Note:

Serious RUDI and RUUR patches that need to be removed along with the PRLA near the east end of the unit.

Eco Note:

Much downed wood throughout the unit

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

Primary Management concerns: Invasives.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|---|-------------|----------|--------|--------------|---------|
| Acer circinatum (vine maple) | 50% to 75% | Y | | | |
| Alnus rubra (red alder) | 20% to 50% | Y | 10-20" | Y | |
| Rubus discolor (Himalayan blackberry) | 20% to 50% | Y | | | |
| Pseudotsuga menziesii (Douglas fir) | 10% to 20% | | 10-20" | | |
| Hydrophyllum tenuipes (Pacific waterleaf) | 10% to 20% | | | | |
| Polystichum munitum (sword fern) | 10% to 20% | | | | |
| Sambucus racemosa (red elderberry) | 10% to 20% | | | | |
| Athyrium filix-femina (ladyfern) | 1% to 10% | | | | |
| Hedera helix (English ivy) | 1% to 10% | | | | |
| Rubus parviflorus (thimbleberry) | 1% to 10% | | | | |
| Rubus ursinus (trailing blackberry) | 1% to 10% | | | | |
| Prunus laurocerasus (English laurel) | trace | | | | |

Unit WP*010

Size: 0.68 Acres

NVCS Class: Woodland
NVCS Subclass: Mixed evergreen-deciduous woodland
NVCS Group: Mixed needle-leaved evergreen - cold-deciduous woodland
NVCS SubGroup: Natural / Semi-natural
NVCS Ecological System: CES204.845 North Pacific Dry Douglas-fir Forest and Woodland
Landform: Side-hill, Upper 3rd
Slope: Steep (20 to 30%)
Aspect: North
Notes:

Visit date: 6/17/2003

Ecological Health: Fair.

% Tree canopy: 60%

% Non-Native Cover: not recorded

General Note:

invasive species within the unit are few but the unit is surrounded by invasives

Management Note:

Eco Note:

Wetland indicators: Hydrophilic Vegetation.

Primary Management concerns: Invasives.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|--|-------------|----------|---------|--------------|---------|
| <i>Pseudotsuga menziesii</i> (Douglas fir) | 50% to 75% | Y | 20-30 " | | |
| <i>Acer circinatum</i> (vine maple) | 50% to 75% | Y | | | |
| <i>Polystichum munitum</i> (sword fern) | 20% to 50% | Y | | | |
| <i>Acer macrophyllum</i> (bigleaf maple) | 1% to 10% | | 10-20 " | | |
| <i>Berberis nervosa</i> (Oregon grape) | 1% to 10% | | | | |
| <i>Corylus cornuta</i> (western beaked hazelnut) | 1% to 10% | | | | |
| <i>Geranium robertianum</i> (herb-Robert) | 1% to 10% | | | | |
| <i>Hydrophyllum tenuipes</i> (Pacific waterleaf) | 1% to 10% | | | | |
| <i>Ilex aquafolium</i> (English holly) | 1% to 10% | | | | |
| <i>Rubus discolor</i> (Himalayan blackberry) | 1% to 10% | | | | |

Unit WP*011

Size: 0.79 Acres

NVCS Class: Forest

NVCS Subclass: Evergreen forest

NVCS Group: Temperate needle-leaved evergreen 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: Gentle (10 to 20%)

Aspect: Northeast

Notes:

Visit date: 6/16/2003

Ecological Health: Good.

% Tree canopy: 65%

% Non-Native Cover: not recorded

Management Note:

May want to use preventative measures and remove any patches of RUDI2.

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

Primary Management concerns: Invasives, Domestic Animals.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|--|-------------|----------|---------|--------------|---------|
| <i>Pseudotsuga menziesii</i> (Douglas fir) | 50% to 75% | Y | 20-30 " | | |
| <i>Acer circinatum</i> (vine maple) | 50% to 75% | Y | | | |
| <i>Polystichum munitum</i> (sword fern) | 10% to 20% | | | | |
| <i>Acer macrophyllum</i> (bigleaf maple) | 1% to 10% | | 0-5" | Y | |
| <i>Berberis nervosa</i> (Oregon grape) | 1% to 10% | | | | |
| <i>Geum macrophyllum</i> (largeleaf avens) | 1% to 10% | | | | |
| <i>Hydrophyllum tenuipes</i> (Pacific waterleaf) | 1% to 10% | | | | |
| <i>Rubus laciniatus</i> (evergreen blackberry) | 1% to 10% | | | | |
| <i>Rubus spectabilis</i> (salmonberry) | 1% to 10% | | | | |
| <i>Sambucus racemosa</i> (red elderberry) | 1% to 10% | | | | |
| <i>Galium aparine</i> (cleavers) | trace | | | | |

Unit WP*012

Size: 3.25 Acres

NVCS Class: Forest

NVCS Subclass: Deciduous forest

NVCS Group: Cold-deciduous forest

NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: CES204.846 North Pacific Broadleaf Mesic Seral Forest

Landform: Side-hill, Upper 3rd

Slope: Gentle (5 to 10%)

Aspect: North

Notes:

Visit date: 6/18/2003

Ecological Health: Poor.

% Tree canopy: 65%

% Non-Native Cover: not recorded

General Note:

Management Note:

Eco Note:

RUDI2 heavy in unit . Also PRLA invasion from residential area on southwest corner of WP012

Wetland indicators: Hydrophilic Vegetation.

Primary Management concerns: Invasives, Domestic Animals.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|--|-------------|----------|---------|--------------|---------|
| <i>Rubus discolor</i> (Himalayan blackberry) | 50% to 75% | Y | | | |
| <i>Acer macrophyllum</i> (bigleaf maple) | 20% to 50% | Y | 10-20 " | | |
| <i>Acer circinatum</i> (vine maple) | 20% to 50% | Y | | | |
| <i>Berberis nervosa</i> (Oregon grape) | 10% to 20% | | | | |
| <i>Polystichum munitum</i> (sword fern) | 10% to 20% | | | | |
| <i>Pseudotsuga menziesii</i> (Douglas fir) | 1% to 10% | | 20-30 " | | |
| <i>Hydrophyllum tenuipes</i> (Pacific waterleaf) | 1% to 10% | | | | |
| <i>Oemleria cerasiformis</i> (Indian-plum) | 1% to 10% | | | | |
| <i>Rubus ursinus</i> (trailing blackberry) | 1% to 10% | | | | |
| <i>Prunus laurocerasus</i> (English laurel) | trace | | | | |