

*Noxious Weed Surveys of the Cedar and Tolt River
Municipal Watersheds, and
Lake Youngs Reservation, 2007 and 2008*



Pacific Biodiversity Institute

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**Final Report to Seattle Public Utilities
Concerning Work Performed Under Contract R00-34-21-01**

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Executive Summary

Under Seattle Public Utilities (SPU) contract R00-34-21-01, Pacific Biodiversity Institute (PBI) inventoried the Cedar and Tolt River municipal watersheds and the Lake Youngs Reservation for select noxious weed occurrences during the spring, summer, and fall of 2007 and 2008.

Inventories of designated roads, gravel pits, developed sites, and wetlands were conducted using a team of five botanists. Populations of target noxious species encountered by field botanists were mapped and described via GPS and/or handheld mobile GIS devices. The mapped infestations were reported back to SPU personnel via GIS data which was delivered to the SPU project manager on a weekly basis. On pre-selected decommissioned roads in the Cedar and Tolt Municipal Watersheds, full species inventories were conducted for vascular plants in addition to mapping populations of targeted noxious weeds.

Surveys were conducted in the spring and summers of 2007 and 2008. Only the Cedar River watershed was surveyed in 2007 efforts. Nearly all designated landscape elements in each watershed were surveyed between 2007 and 2008. Accessibility issues due to field conditions and/or oversight by the surveyors contributed to there being a few non-surveyed sites at the end of 2008.

We were provided a list of 55 potential targeted noxious weeds to survey for in the three project areas. We did not map populations of other noxious weeds not on the target list (e.g. Scotch broom (*Cytisus scoparius*), Japanese knotweed (*Polygonum cuspidatum*)). In the Cedar River watershed populations of 12 targeted weed species were mapped. Some of the targeted species were not abundant in the watershed while others were profuse in certain areas. We mapped six species from targeted noxious weeds list in the Tolt River watershed, each with varying abundance and distribution. In the Lake Youngs Reservation we mapped seven targeted noxious weed species, again with each species exhibiting independent abundance and distribution trends. We collected voucher specimens of some of the noxious weeds encountered in each watershed. These specimens have been donated to the WTU Herbarium in Seattle for addition to the state collection.

We conducted full species inventories on sixty-five decommissioned roads in the Cedar River watershed between 2007 and 2008. From those surveys we identified roughly 340 vascular plant species occurring within the pre-selected decommissioned roads. We surveyed four decommissioned roads in the Tolt River watershed in 2008. From these surveys we identified roughly 110 vascular plant species occurring within the pre-selected decommissioned roads.

Between the three watershed project areas, noxious hawkweed (*Hieracium*) species, stinking willie (*Senecio jacobaea*), and the noxious thistles (*Cirsium* sp.) were by far the most prevalent targeted noxious weeds in both abundance and landscape distribution. Control and/or eradication of these species from the watersheds is unlikely given their abundance, ease of spreading via wind dispersal of seeds, and the abundant disturbed site habitat that exists and is maintained within each watershed. Biological controls are the only promising options for these species. Other noxious species of less abundance offer better opportunities for control and/or eradication.

Many other exotic weeds besides the targeted species from the Washington State Noxious Weed Control Board list exist within the watersheds, and many of these exotic plants are highly invasive and have higher abundance and distribution in the watershed than the target species we mapped. In most cases, the target species populations we mapped occur within what is already an artificial community of exotic plants maintained by human disturbance. In these instances the noxious weeds are not threatening native vegetation communities.

Given the prevalence of some exotic plants not listed as noxious species in the watershed, it is worth noting that some exotic plants are invading native vegetation communities and may merit actions to control their spread. English holly (*Ilex aquifolium*) is an example of an exotic plant that is invading the understory of some coniferous forests in the watershed and has the potential to become a common and persistent understory plant.

Building upon the foundation provided in this report, continued monitoring of surveyed regions, and mapping of infestations in areas not surveyed in 2007 and 2008 are suggested activities that can increase the capabilities of SPU personnel in dealing with noxious weed infestations. Establishing short and long-term monitoring for any current and/or upcoming weed control programs is also strongly suggested.

Of the targeted noxious weeds encountered in the Cedar River watershed in 2007, only common hawkweed (*Hieracium lachenalii*), proved to be unusually difficult in identifying to species due to similarities with other weedy species of the same genus. Expert consultation and further research yielded that indeed specimens being encountered in the Cedar River watershed were *H. lachenalii*, and not smooth hawkweed (*H. laevigatum*).

GIS data deliverables depicting the locations of noxious weed populations were provided in addition to this report.

Overview

Under Seattle Public Utilities (SPU) contract R00-34-21-01, Pacific Biodiversity Institute (PBI) inventoried the Cedar and Tolt River Municipal Watersheds and the Lake Youngs Reservation for select noxious weed occurrences (see Table 1) during the spring, summer, and fall of 2007 and 2008. In the winter of 2007/08, PBI provided a report to SPU detailing work activities and progress made under the 2007 survey portion of the project. The 2007 report is provided as Appendix A in this report. The main body of the 2008 report shall detail the work activities and progress made during the 2008 field season, and our final findings at the end of the total project. Specifically this report shall detail and provide:

- Timeline of Surveys and Portion of Work Completed in 2008
- A discussion of the final identification of *Hieracium lachenalii* vs. *H. laevigatum*.
- Exotic Plants Encountered in the Cedar River Watershed (Maps and Figures)
- Exotic Plants Encountered in the Tolt River Watershed (Maps and Figures)
- Exotic Plants Encountered in the Lake Youngs Reservation (Maps and Figures)
- Specimens Collected During 2008 Surveys
- Decommissioned Road Surveys Cedar River Watershed
- Decommissioned Road Surveys Tolt River Watershed
- Discussion of Noxious Weed Dynamics in the Cedar River Watershed
- Discussion of Noxious Weed Dynamics in the Tolt River Watershed
- Discussion of Noxious Weed Dynamics in the Lake Youngs Reservation
- General Discussion of Weed Invasion Dynamics in All Watersheds
- Recommendations of Further Work to be Done Concerning Noxious Weeds

Project Staffing

Five botanists collected field data for Pacific Biodiversity Institute on the project. These included the two authors of this report (Hans Smith [HS] and Peter Morrison [PM]) and three additional botanists (Stewart Wechsler [SW], Patrick Schwartzkopf [PS], and George Wooten [GW]). In addition to these botanists, Juliet Rhodes and Lin Kyan served as botanical field assistants.

Table1. List of noxious weeds targeted for survey in the Cedar and Tolt Watersheds and the Lake Youngs Reservation.

Class A - Eradication Required - 9 species		Class B - Control Required - 33 species (Continued)	
garlic mustard	<i>Alliaria petiolata</i>	musk thistle	<i>Carduus nutans</i>
goatsrue	<i>Galega officinalis</i>	yellow starthistle	<i>Centaurea solstitialis</i>
lawnweed	<i>Soliva sessilis</i>	rush skeletonweed	<i>Chondrilla juncea</i>
Italian thistle	<i>Carduus pycnocephalus</i>	yellow nutsedge	<i>Cyperus esculentus</i>
giant hogweed	<i>Heracleum mantegazzianum</i>	blueweed, viper's bugloss	<i>Echium vulgare</i>
yellow devil hawkweed	<i>Hieracium floribundum</i>	leafy spurge	<i>Euphorbia esula</i>
floating primrose-willow	<i>Ludwigia peploides</i>	polar hawkweed	<i>Hieracium atratum</i>
milk thistle	<i>Silybum marianum</i>	queen-devil hawkweed	<i>Hieracium glomeratum</i>
Spanish broom	<i>Spartium junceum</i>	smooth hawkweed	<i>Hieracium laevigatum</i>
Class B - Control Required - 33 species		mouseear hawkweed	<i>Hieracium pilosella</i>
spotted knapweed	<i>Centaurea stoebe</i> (C. <i>biebersteinii</i>)	kochia	<i>Kochia scoparia</i>
orange hawkweed	<i>Hieracium aurantiacum</i>	perennial pepperweed	<i>Lepidium latifolium</i>
yellow hawkweed	<i>Hieracium caespitosum</i>	Scotch thistle	<i>Onopordum acanthium</i>
tansy ragwort	<i>Senecio jacobaea</i>	Gorse	<i>Ulex europaeus</i>
meadow knapweed	<i>Centaurea</i> × <i>moncktonii</i> (C. <i>jacea</i> × <i>nigra</i>)	Class C - Control Required - 2 species	
diffuse knapweed	<i>Centaurea diffusa</i>	non-native hawkweeds	<i>Hieracium</i> spp
brown knapweed	<i>Centaurea jacea</i>	hairy willowherb	<i>Epilobium hirsutum</i>
black knapweed	<i>Centaurea nigra</i>	Selected Non-designated Species - Control Recommended 11 species	
policeman's helmet	<i>Impatiens glandulifera</i>	Canada thistle	<i>Cirsium arvense</i>
Dalmatian toadflax	<i>Linaria dalmatica</i> ssp. <i>dalmatica</i>	butterfly bush	<i>Buddleja davidii</i>
garden loosestrife	<i>Lysimachia vulgaris</i>	yellow toadflax	<i>Linaria vulgaris</i>
purple loosestrife	<i>Lythrum salicaria</i>	bull thistle	<i>Cirsium vulgare</i>
sulfur cinquefoil	<i>Potentilla recta</i>	common fennel	<i>Foeniculum vulgare</i> (excepting var. <i>azoricum</i> .)
Perennial sowthistle	<i>Sonchus arvensis</i>	field bindweed, vine	<i>Convolvulus arvensis</i>
Hedgeparsley	<i>Torilis arvensis</i>	old man's beard, vine	<i>Clematis vitalba</i>
blackgrass	<i>Alopecurus myosuroides</i>	poison-hemlock	<i>Conium maculatum</i>
annual bugloss	<i>Anchusa arvensis</i>	spurge laurel	<i>Daphne laureola</i>
common bugloss	<i>Anchusa officinalis</i>	yellow archangel	<i>Lamium galeobdolon</i>
wild chervil	<i>Anthriscus sylvestris</i>	yellow flag iris	<i>Iris pseudacorus</i>

Timeline of Surveys and Portion of Work Completed in 2008

Timeline of Surveys in 2008

In 2008 PBI spent 27 person/days surveying within the three watersheds. A breakdown of the dates each person surveyed in each watershed is provided in Table 2.

Table 2. Dates of field surveys in the three watersheds by PBI staff in 2008.

Survey Dates		Cedar	Tolt	Lake Youngs
Hans (HS)	July	30	29	1, 2, 3
	August		13, 14	
	September	9, 11, 30	10	29
Patrick (PS)	July	30	29, 31	
	August	8, 18, 21, 22, 25, 26, 27	5, 7, 11, 12, 13, 14	
	September	2, 3, 4, 9, 11	10	
	October	2		
Peter (PM)	September	30		29

Portion of Work Completed in 2008

Cedar River Watershed

Figures 1 and 2 depict the roads and other survey elements in the Cedar River Watershed that were to be surveyed for the target noxious weeds in 2007 and 2008. Refer to Appendix A for a discussion on revises in work scope due to ground conditions in 2007.

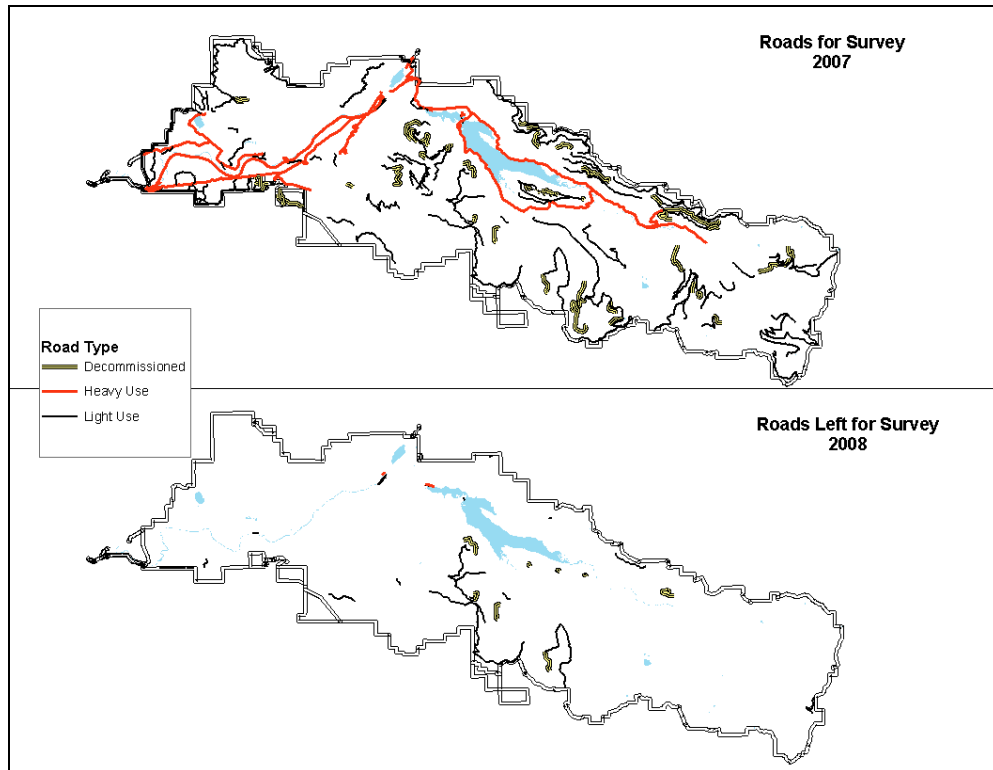


Figure 1. Roads to be surveyed between 2007 and 2008.

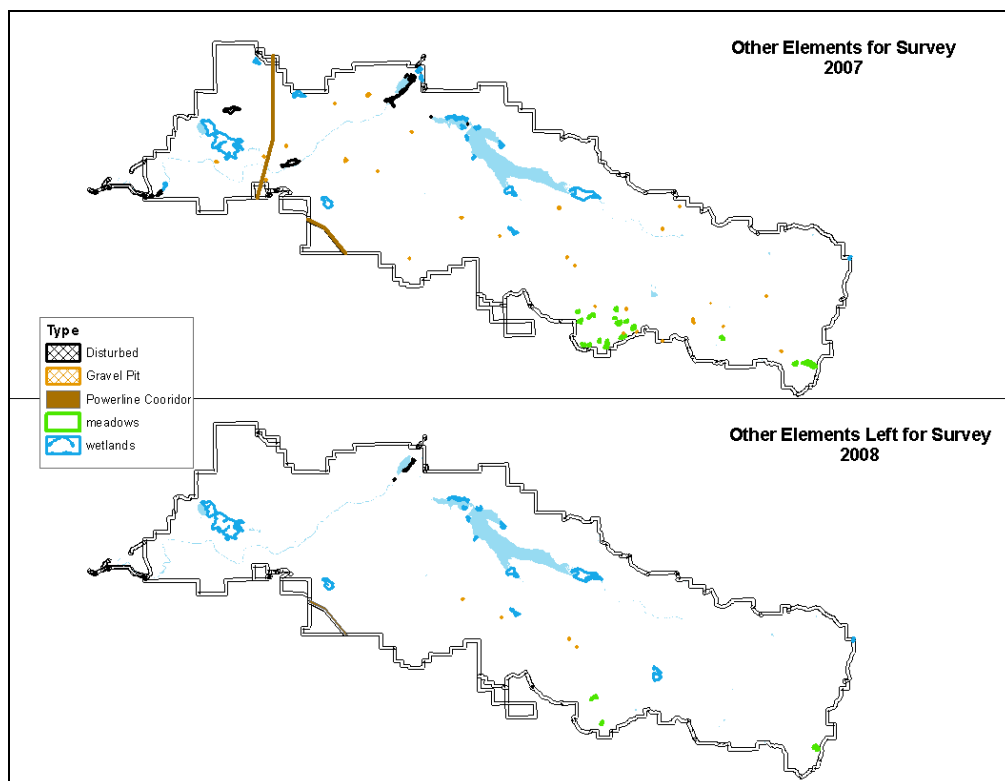


Figure 2. Other landscape elements to be surveyed between 2007 and 2008

Figure 3 illustrates the progress made by PBI staff in visiting almost all of the remaining designated survey sites in 2008. Although almost all designated landscape elements were visited between 2007 and 2008, a few sites remain unsurveyed. Box A in Figure 3 is highlighting road 62, which was not accessible via car due to a bridge failure and undeclared road closures along routes necessary to access the site. Box B highlights a gravel pit that was not surveyed due to oversight by the 2008 field crew. Box C highlights 2 meadows not surveyed due to comments by 2007 surveyors that these meadows were not accessible. Box D highlights the Twilight Lake wetland that was not surveyed due to inability to access the site in 2007 and oversight in 2008.

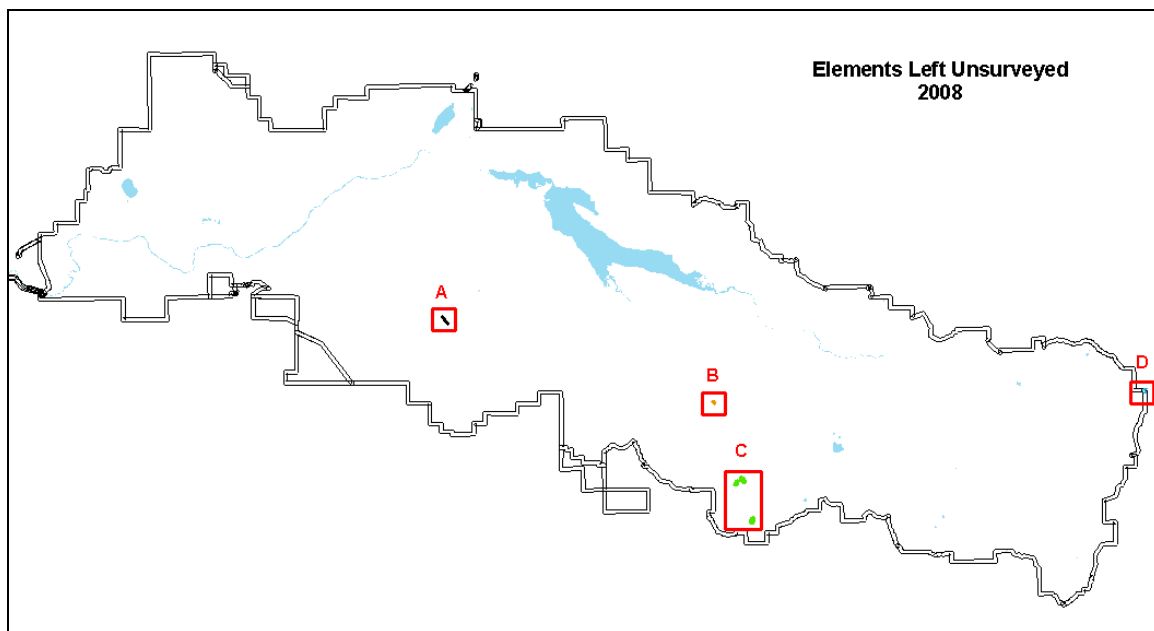


Figure 3. Map depicting landscape elements not surveyed in 2007 or 2008.

Tolt River Watershed

Figures 4 and 5 illustrate the landscape elements designated for survey and remaining unsurveyed in the Tolt River Watershed in 2008. The remaining landscape elements are decommissioned roads that were partially access but not fully inventoried due to unreasonably difficult access conditions. Note that the decommissioned roads not completed in the northern portion of the Tolt River Watershed (Roads 72 and 72.1) are highly likely to contain large infestations of *H. caespitosum*. Road 52, the unfinished decommissioned road in the southern portion of the watershed, is also likely to have infestations of *H. caespitosum*, although none were found along the surveyed portions of this decommissioned road. Anywhere along the decommissioned roads of the Tolt River Watershed where tree and shrub cover is more sparse, there is a high likelihood of *H. caespitosum* being present.

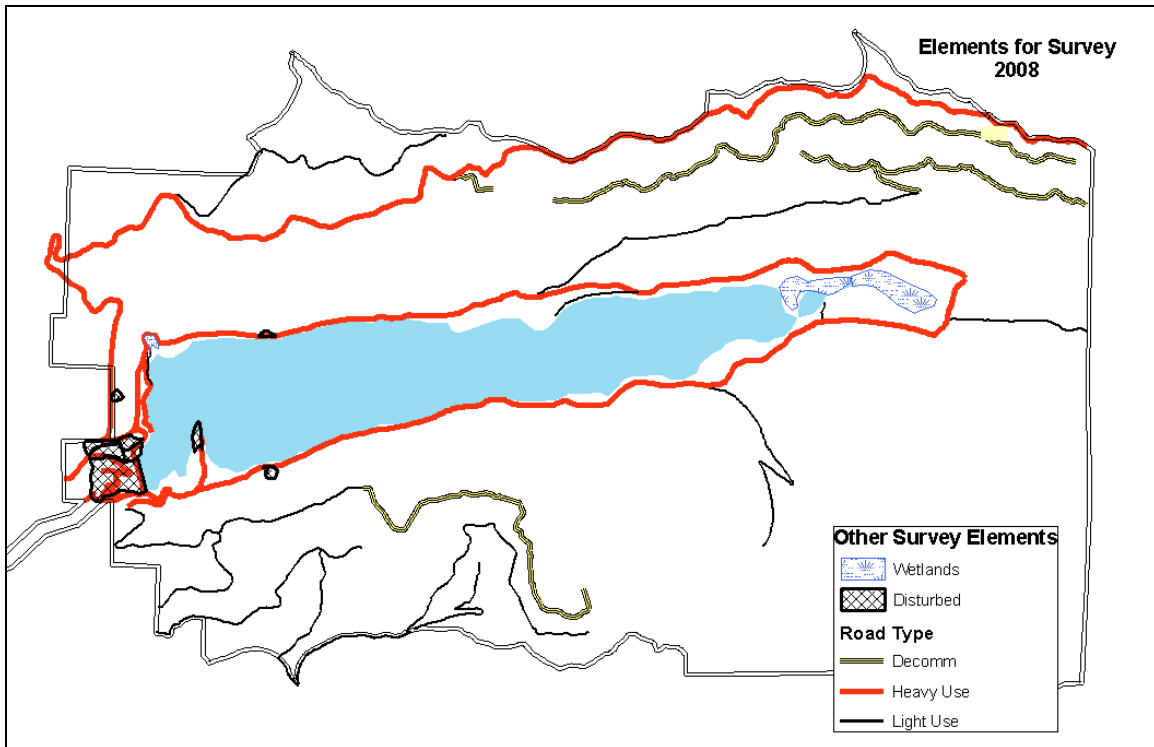


Figure 4. Landscape elements designated for survey in 2008.

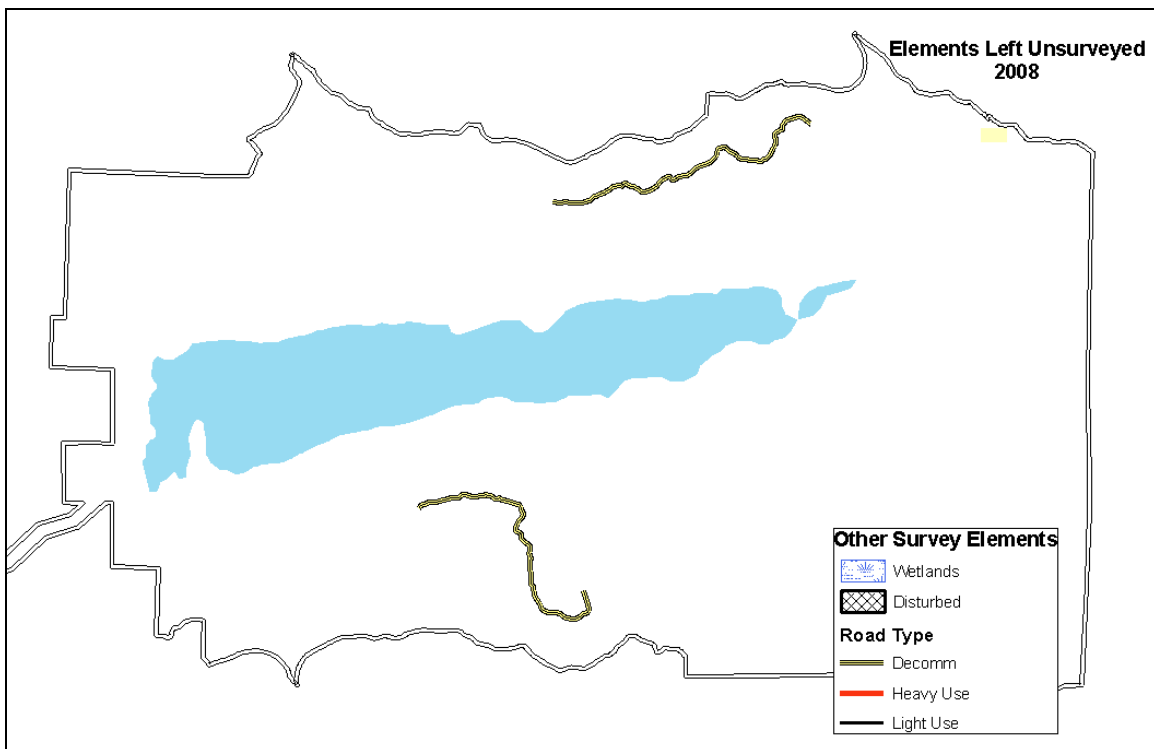


Figure 5. Landscape elements left unsurveyed in 2008.

Lake Youngs Reservation

Figure 6 depicts the landscape elements designated for noxious weeds surveys in the Lake Youngs Reservation in 2008. All of these landscape elements were surveyed in 2008.

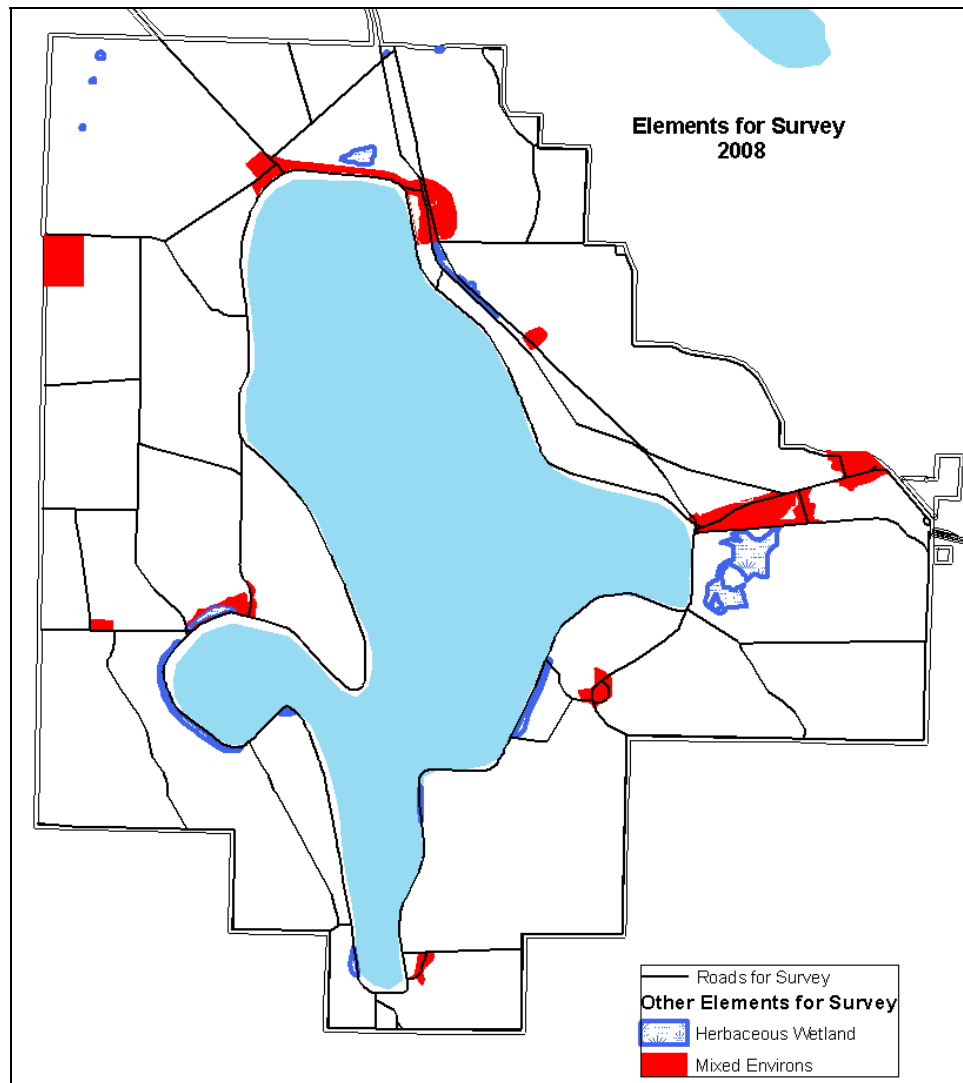


Figure 6. Landscape elements designated for survey in 2008.

A discussion of the final identification of *Hieracium lachenalii* vs. *H. laevigatum*.

Due to the relatively recent introduction of both *Hieracium lachenalii* and *Hieracium laevigatum* to North America and to Washington's landscape, technical keys that clearly differentiate between the two species are scarce and do not offer definitive characteristics one can use to clearly identify between the species without first hand experience with both species. On top of this, the WTU Herbarium only possesses specimens of *H. lachenalii*, so herbarium specimen comparisons cannot be made with *H. laevigatum*. After consultation with many local experts on regional flora and *Hieracium* experts we have determined that all specimens found within the Cedar and Tolt Watersheds resembling *H. lachenalii* and *H. laevigatum* are indeed *H. lachenalii* – a class C noxious weed. The final determinant on this classification was made by Peter Zika, an expert in regional flora who has familiarity with both species.



Figure 7. *Hieracium lachenalii* WTU Herbarium specimen.

Exotic Plants Encountered in the Cedar River Watershed

Twelve noxious weeds targeted for surveys were found within the Cedar River Watershed in 2007 and 2008. Figure 8 depicts the locations of noxious weed populations mapped in the Cedar River Watershed in 2008. As is apparent from this figure, *Cirsium arvense* and *Hieracium lachenalii* were mapped most frequently within the watershed in 2008. Refer to Appendix A for information about noxious species mapped in 2007. Note in the map below, there are cases where two or more weed species occur at the same location, but only one appears in the map, because it overlays the other specie(s). Later in the report, we provide maps of each species separately, so that the reader can see the locations of all the species. The GIS data developed for weed locations also contains information of all species, including those that overlap location.

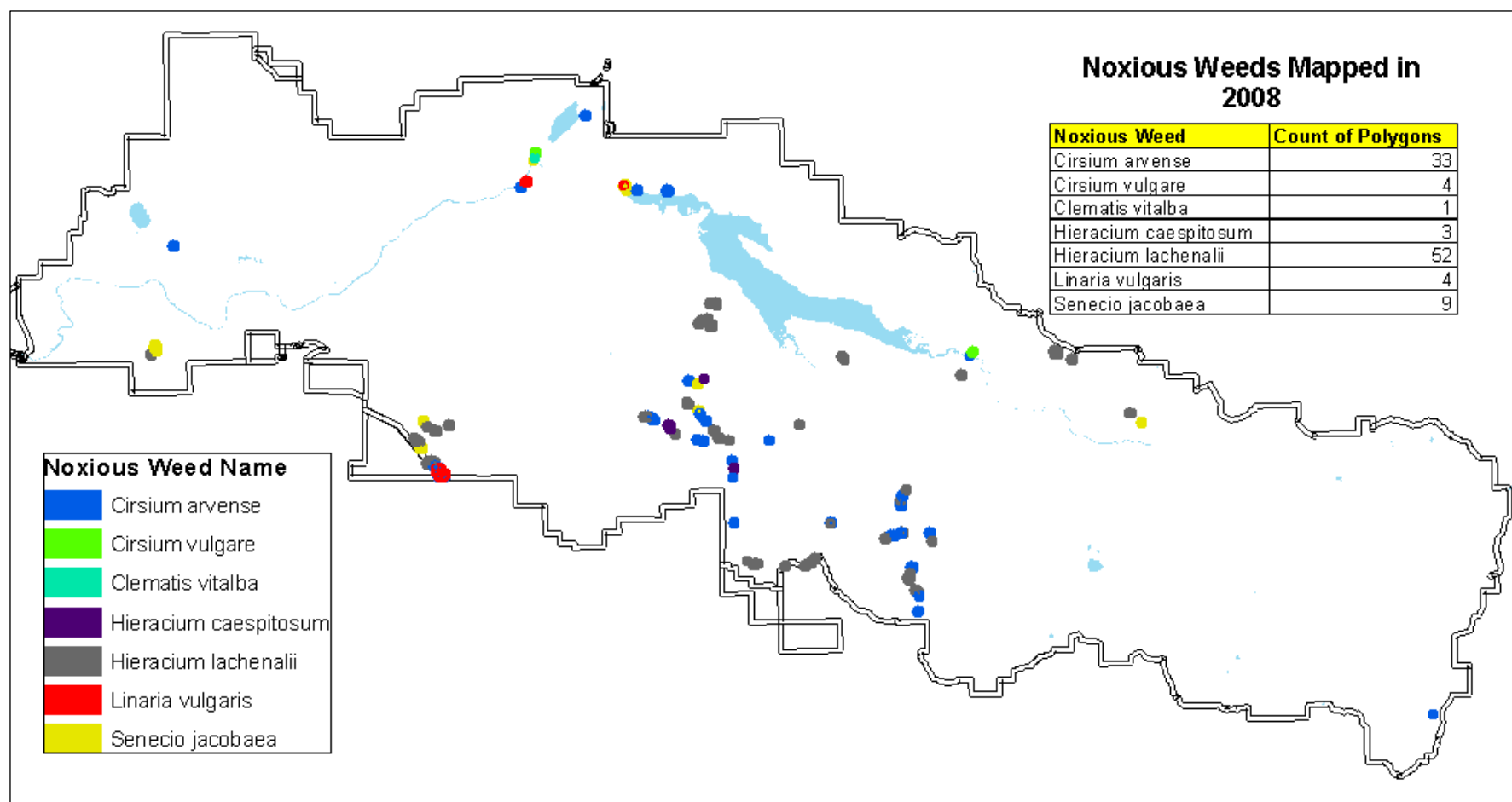


Figure 8. Map of noxious weed populations documented in 2008.

Table 3 below highlights (in yellow) which noxious species were found in the Cedar River Watershed between 2007 and 2008. The only new noxious weed addition from 2008 is *Clematis vitalba*, found in the Cedar Falls area.

Table 3. Yellow highlighting illustrates which noxious species were found within the Cedar River Watershed in 2007 and 2008.

Class A - Eradication Required - 9 species		Class B - Control Required - 33 species (Continued)	
garlic mustard	<i>Alliaria petiolata</i>	musk thistle	<i>Carduus nutans</i>
goatsrue	<i>Galega officinalis</i>	yellow starthistle	<i>Centaurea solstitialis</i>
lawnweed	<i>Soliva sessilis</i>	rush skeletonweed	<i>Chondrilla juncea</i>
Italian thistle	<i>Carduus pycnocephalus</i>	yellow nutsedge	<i>Cyperus esculentus</i>
giant hogweed	<i>Heracleum mantegazzianum</i>	blueweed, viper's bugloss	<i>Echium vulgare</i>
yellow devil hawkweed	<i>Hieracium floribundum</i>	leafy spurge	<i>Euphorbia esula</i>
floating primrose-willow	<i>Ludwigia peploides</i>	polar hawkweed	<i>Hieracium atratum</i>
milk thistle	<i>Silybum marianum</i>	queen-devil hawkweed	<i>Hieracium glomeratum</i>
Spanish broom	<i>Spartium junceum</i>	smooth hawkweed	<i>Hieracium laevigatum</i>
Class B - Control Required - 33 species		mouseear hawkweed	<i>Hieracium pilosella</i>
spotted knapweed	<i>Centaurea stoebe (C. biebersteinii)</i>	kochia	<i>Kochia scoparia</i>
orange hawkweed	<i>Hieracium aurantiacum</i>	perennial pepperweed	<i>Lepidium latifolium</i>
yellow hawkweed	<i>Hieracium caespitosum</i>	Scotch thistle	<i>Onopordum acanthium</i>
tansy ragwort	<i>Senecio jacobaea</i>	Gorse	<i>Ulex europaeus</i>
meadow knapweed	<i>Centaurea × moncktonii (C. jacea x nigra)</i>	Class C - Control Required - 2 species	
diffuse knapweed	<i>Centaurea diffusa</i>	non-native hawkweeds	<i>Hieracium spp</i>
brown knapweed	<i>Centaurea jacea</i>	hairy willowherb	<i>Epilobium hirsutum</i>
black knapweed	<i>Centaurea nigra</i>	Selected Non-designated Species - Control Recommended 11 species	
policeman's helmet	<i>Impatiens glandulifera</i>	Canada thistle	<i>Cirsium arvense</i>
Dalmatian toadflax	<i>Linaria dalmatica ssp. dalmatica</i>	butterfly bush	<i>Buddleja davidii</i>
garden loosestrife	<i>Lysimachia vulgaris</i>	yellow toadflax	<i>Linaria vulgaris</i>
purple loosestrife	<i>Lythrum salicaria</i>	bull thistle	<i>Cirsium vulgare</i>
sulfur cinquefoil	<i>Potentilla recta</i>	common fennel	<i>Foeniculum vulgare</i> (excepting var. azoricum.)
Perennial sowthistle	<i>Sonchus arvensis</i>	field bindweed, vine	<i>Convolvulus arvensis</i>
Hedgeparsley	<i>Torilis arvensis</i>	old man's beard, vine	<i>Clematis vitalba</i>
blackgrass	<i>Alopecurus myosuroides</i>	poison-hemlock	<i>Conium maculatum</i>
annual bugloss	<i>Anchusa arvensis</i>	spurge laurel	<i>Daphne laureola</i>
common bugloss	<i>Anchusa officinalis</i>	yellow archangel	<i>Lamium galeobdolon</i>
wild chervil	<i>Anthriscus sylvestris</i>	yellow flag iris	<i>Iris pseudacorus</i>

Exotic Plants Encountered in the Tolt River Watershed

Six noxious weeds targeted for surveys were found within the Tolt River Watershed in 2008. Figure 9 depicts the locations of noxious weed populations mapped in the Tolt River Watershed in 2008. As is apparent from this figure, *Cirsium arvense* and *Hieracium caespitosum* were mapped most frequently within the watershed in 2008. Note in the map below, there are cases where two or more weed species occur at the same location, but only one appears in the map, because it overlays the other specie(s). Later in the report, we provide maps of each species separately, so that the reader can see the locations of all the species. The GIS data developed for weed locations also contains information of all species, including those that overlap at the same location.

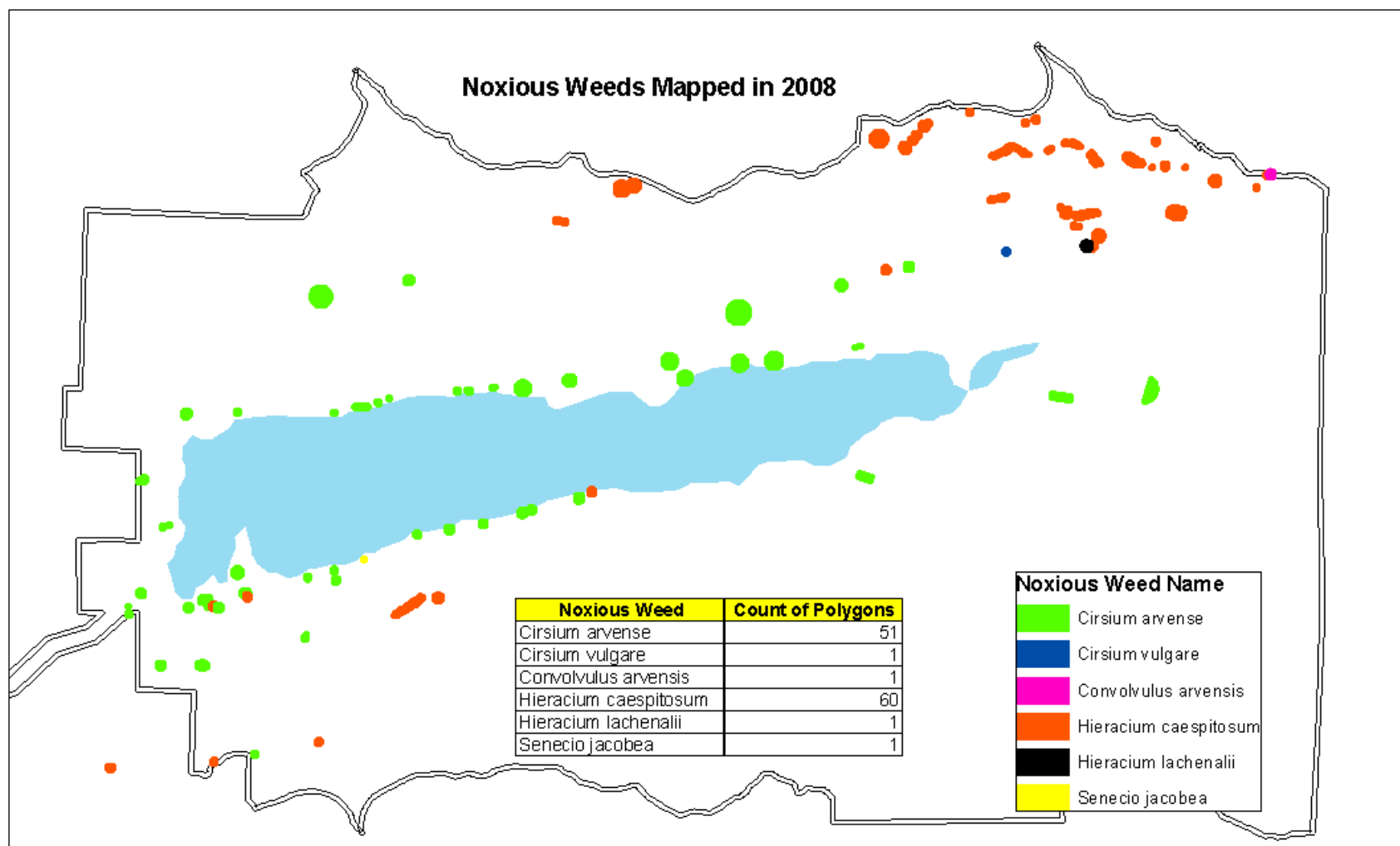


Figure 9. Map of noxious weed populations documented in 2008.

Table 4 below highlights (in yellow) which noxious species were found in the Tolt River Watershed in 2008.

Table 4. Yellow highlighting illustrates which noxious species were found within the Tolt River Watershed in 2008.

Class A - Eradication Required - 9 species		Class B - Control Required - 33 species (Continued)	
garlic mustard	<i>Alliaria petiolata</i>	musk thistle	<i>Carduus nutans</i>
goatsrue	<i>Galega officinalis</i>	yellow starthistle	<i>Centaurea solstitialis</i>
lawnweed	<i>Soliva sessilis</i>	rush skeletonweed	<i>Chondrilla juncea</i>
Italian thistle	<i>Carduus pycnocephalus</i>	yellow nutsedge	<i>Cyperus esculentus</i>
giant hogweed	<i>Heracleum mantegazzianum</i>	blueweed, viper's bugloss	<i>Echium vulgare</i>
yellow devil hawkweed	<i>Hieracium floribundum</i>	leafy spurge	<i>Euphorbia esula</i>
floating primrose-willow	<i>Ludwigia peploides</i>	polar hawkweed	<i>Hieracium atratum</i>
milk thistle	<i>Silybum marianum</i>	queen-devil hawkweed	<i>Hieracium glomeratum</i>
Spanish broom	<i>Spartium junceum</i>	smooth hawkweed	<i>Hieracium laevigatum</i>
Class B - Control Required - 33 species		mouseear hawkweed	<i>Hieracium pilosella</i>
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orange hawkweed	<i>Hieracium aurantiacum</i>	perennial pepperweed	<i>Lepidium latifolium</i>
yellow hawkweed	<i>Hieracium caespitosum</i>	Scotch thistle	<i>Onopordum acanthium</i>
tansy ragwort	<i>Senecio jacobaea</i>	Gorse	<i>Ulex europaeus</i>
meadow knapweed	<i>Centaurea</i> × <i>moncktonii</i> (C. jacea × <i>nigra</i>)	Class C - Control Required - 2 species	
diffuse knapweed	<i>Centaurea diffusa</i>	non-native hawkweeds	<i>Hieracium</i> spp
brown knapweed	<i>Centaurea jacea</i>	hairy willowherb	<i>Epilobium hirsutum</i>
black knapweed	<i>Centaurea nigra</i>	Selected Non-designated Species - Control Recommended 11 species	
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purple loosestrife	<i>Lythrum salicaria</i>	bull thistle	<i>Cirsium vulgare</i>
sulfur cinquefoil	<i>Potentilla recta</i>	common fennel	<i>Foeniculum vulgare</i> (excepting var. <i>azoricum</i> .)
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blackgrass	<i>Alopecurus myosuroides</i>	poison-hemlock	<i>Conium maculatum</i>
annual bugloss	<i>Anchusa arvensis</i>	spurge laurel	<i>Daphne laureola</i>
common bugloss	<i>Anchusa officinalis</i>	yellow archangel	<i>Lamium galeobdolon</i>
wild chervil	<i>Anthriscus sylvestris</i>	yellow flag iris	<i>Iris pseudacorus</i>

Exotic Plants Encountered in the Lake Youngs Reservation

Seven noxious weeds targeted for surveys were found within the Lake Youngs Reservation in 2008. Figure 10 depicts the locations of noxious weed populations mapped in the Lake Youngs Reservation in 2008. As is apparent from this figure, *Cirsium arvense* and *Senecio jacobaea* were mapped most frequently within the watershed in 2008. Note in the map below, there are cases where two or more weed species occur at the same location, but only one appears in the map, because it overlays the other specie(s). Later in the report, we provide maps of each species separately, so that the reader can see the locations of all the species. The GIS data developed for weed locations also contains information of all species, including those that overlap location.

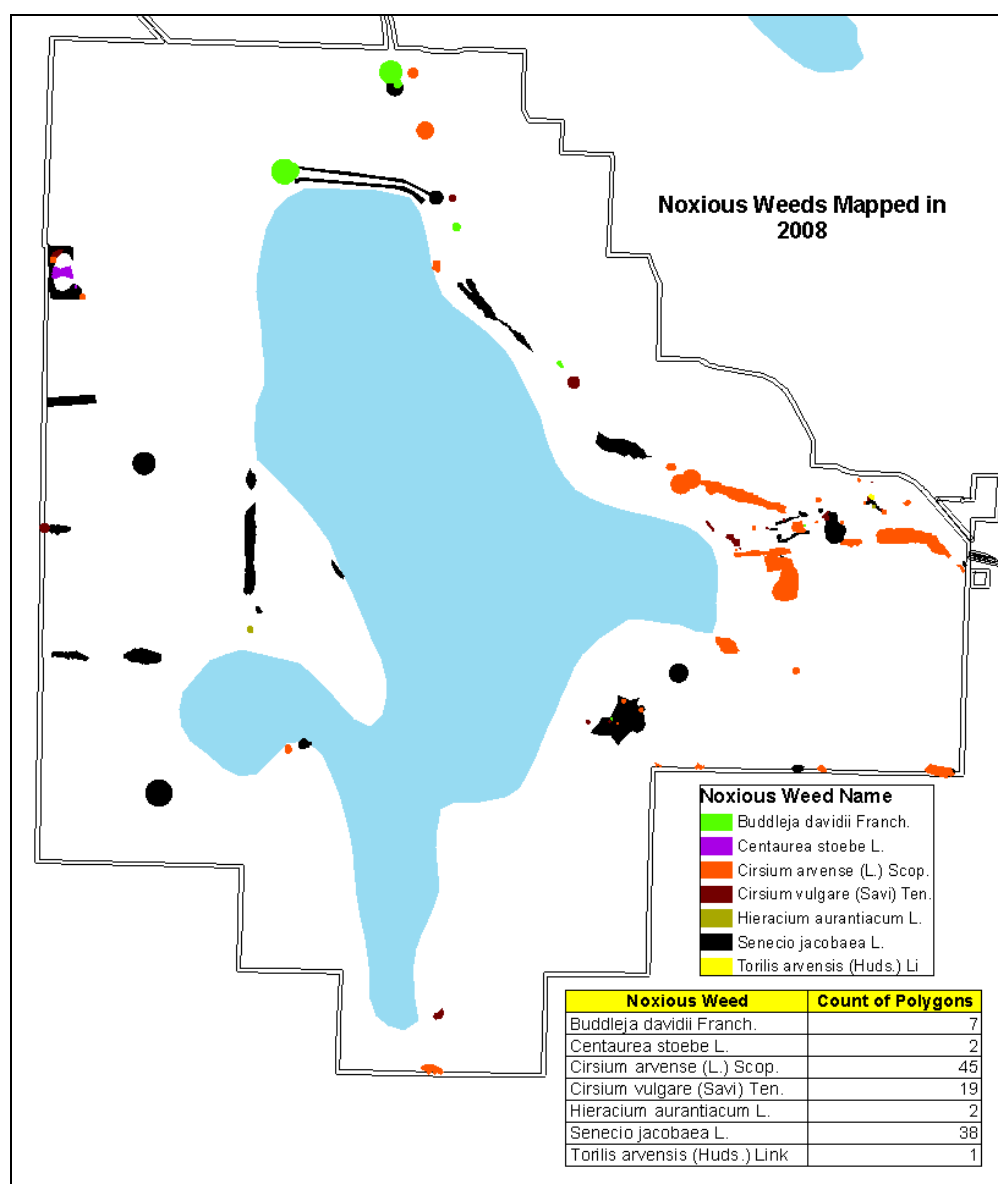


Figure 10. Map of noxious weed populations documented in 2008.

Table 5 below highlights (in yellow) which noxious species were found in the Lake Youngs Reservation in 2008.

Table 5. Yellow highlighting illustrates which noxious species were found within the Lake Youngs Reservation in 2008.

Class A - Eradication Required - 9 species		Class B - Control Required - 33 species (Continued)	
garlic mustard	<i>Alliaria petiolata</i>	musk thistle	<i>Carduus nutans</i>
goatsrue	<i>Galega officinalis</i>	yellow starthistle	<i>Centaurea solstitialis</i>
lawnweed	<i>Soliva sessilis</i>	rush skeletonweed	<i>Chondrilla juncea</i>
Italian thistle	<i>Carduus pycnocephalus</i>	yellow nutsedge	<i>Cyperus esculentus</i>
giant hogweed	<i>Heracleum mantegazzianum</i>	blueweed, viper's bugloss	<i>Echium vulgare</i>
yellow devil hawkweed	<i>Hieracium floribundum</i>	leafy spurge	<i>Euphorbia esula</i>
floating primrose-willow	<i>Ludwigia peploides</i>	polar hawkweed	<i>Hieracium atratum</i>
milk thistle	<i>Silybum marianum</i>	queen-devil hawkweed	<i>Hieracium glomeratum</i>
Spanish broom	<i>Spartium junceum</i>	smooth hawkweed	<i>Hieracium laevigatum</i>
Class B - Control Required - 33 species		mouseear hawkweed	<i>Hieracium pilosella</i>
spotted knapweed	<i>Centaurea stoebe</i> (C. biebersteinii)	kochia	<i>Kochia scoparia</i>
orange hawkweed	<i>Hieracium aurantiacum</i>	perennial pepperweed	<i>Lepidium latifolium</i>
yellow hawkweed	<i>Hieracium caespitosum</i>	Scotch thistle	<i>Onopordum acanthium</i>
tansy ragwort	<i>Senecio jacobaea</i>	Gorse	<i>Ulex europaeus</i>
meadow knapweed	<i>Centaurea</i> × <i>moncktonii</i> (C. jacea × <i>nigra</i>)	Class C - Control Required - 2 species	
diffuse knapweed	<i>Centaurea diffusa</i>	non-native hawkweeds	<i>Hieracium</i> spp
brown knapweed	<i>Centaurea jacea</i>	hairy willowherb	<i>Epilobium hirsutum</i>
black knapweed	<i>Centaurea nigra</i>	Selected Non-designated Species - Control Recommended 11 species	
policeman's helmet	<i>Impatiens glandulifera</i>	Canada thistle	<i>Cirsium arvense</i>
Dalmatian toadflax	<i>Linaria dalmatica</i> ssp. <i>dalmatica</i>	butterfly bush	<i>Buddleja davidii</i>
garden loosestrife	<i>Lysimachia vulgaris</i>	yellow toadflax	<i>Linaria vulgaris</i>
purple loosestrife	<i>Lythrum salicaria</i>	bull thistle	<i>Cirsium vulgare</i>
sulfur cinquefoil	<i>Potentilla recta</i>	common fennel	<i>Foeniculum vulgare</i> (excepting var. <i>azoricum</i> .)
Perennial sowthistle	<i>Sonchus arvensis</i>	field bindweed, vine	<i>Convolvulus arvensis</i>
Hedgeparsley	<i>Torilis arvensis</i>	old man's beard, vine	<i>Clematis vitalba</i>
blackgrass	<i>Alopecurus myosuroides</i>	poison-hemlock	<i>Conium maculatum</i>
annual bugloss	<i>Anchusa arvensis</i>	spurge laurel	<i>Daphne laureola</i>
common bugloss	<i>Anchusa officinalis</i>	yellow archangel	<i>Lamium galeobdolon</i>
wild chervil	<i>Anthriscus sylvestris</i>	yellow flag iris	<i>Iris pseudacorus</i>

Specimens Collected During 2008 Surveys

More voucher specimens of target noxious were collected in each of the three watersheds in 2008. Table 6 lists the number of voucher specimens collected by species in each of the three watersheds in 2008. These specimens will be delivered to the WTU Herbarium and donated to their collection.

Table 6. Number of specimens by species collected in each of the three watersheds in 2008.

Species	Cedar	Tolt	Lake Youngs
<i>Centaurea stoebe</i>			1
<i>Clematis vitalba</i>	1		
<i>Convolvulus arvensis</i>		1	
<i>Hieracium aurantiacum</i>			1
<i>Hieracium caespitosum</i>		4	
<i>Hieracium lachenalii</i>		1	
<i>Torilis arvensis</i>			1
Total	1	6	3

Decommissioned Road Surveys Cedar River Watershed

We surveyed sixty five decommissioned roads in the Cedar River Watershed between 2007 and 2008. From those surveys we identified roughly 340 vascular plant species occurring within the targeted decommissioned roads. Table 7 provides the list of vascular plant species found within decommissioned roads in the Cedar River Watershed. Appendix B provides descriptions, information about the surveyor's name and survey date, and the resulting plant list for each decommissioned road in the Cedar River Watershed. Some roads, due to proximity and similarity, have their lists combined into a "group" list that accounts for all the species identified along all the roads in a single group.

Table 7. List of vascular plant species identified during decommissioned road surveys in Cedar River Watershed.

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
ABAM	<i>Abies amabilis</i> (Douglas ex Loudon) Douglas ex Forbes	Pacific silver fir	Pinaceae	
ACCI	<i>Acer circinatum</i> Pursh	vine maple	Aceraceae	
ACGL	<i>Acer glabrum</i> Torr.	Rocky Mountain maple	Aceraceae	
ACMA3	<i>Acer macrophyllum</i> Pursh	bigleaf maple	Aceraceae	
ACMI2	<i>Achillea millefolium</i> L.	common yarrow	Asteraceae	
ACTR	<i>Achlys triphylla</i> (Sm.) DC.	sweet after death	Berberidaceae	
ADBI	<i>Adenocaulon bicolor</i> Hook.	American trailplant	Asteraceae	
ADAL	<i>Adiantum aleuticum</i> (Rupr.) Paris	Aleutian maidenhair	Pteridaceae	
AGGR	<i>Agoseris grandiflora</i> (Nutt.) Greene	bigflower agoseris	Asteraceae	
AGCA5	<i>Agrostis capillaris</i> L.	colonial bentgrass	Poaceae	

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
AGEX	<i>Agrostis exarata</i> Trin.	spike bentgrass	Poaceae	
AGGI2	<i>Agrostis gigantea</i> Roth	redtop	Poaceae	
AGROS2	<i>Agrostis</i> L.	bentgrass	Poaceae	
AGSC5	<i>Agrostis scabra</i> Willd.	rough bentgrass	Poaceae	
AGST2	<i>Agrostis stolonifera</i> L.	creeping bentgrass	Poaceae	
AICA	<i>Aira caryophylla</i> L.	silver hairgrass	Poaceae	
ALRU2	<i>Alnus rubra</i> Bong.	red alder	Betulaceae	
ALVIS	<i>Alnus viridis</i> (Chaix) DC. ssp. <i>sinuata</i> (Regel) A. Löve & D. Löve	Sitka alder	Betulaceae	
AMAL2	<i>Amelanchier alnifolia</i> (Nutt.) Nutt. ex M. Roem.	Saskatoon serviceberry	Rosaceae	
ANMA	<i>Anaphalis margaritacea</i> (L.) Benth.	western pearly everlasting	Asteraceae	
ANGE2	<i>Angelica genuflexa</i> Nutt.	kneeling angelica	Apiaceae	
ANHO	<i>Antennaria howellii</i> Greene	Howell's pussytoes	Asteraceae	
ANAR7	<i>Anthoxanthum aristatum</i> Boiss.	annual vernalgrass	Poaceae	
ANOD	<i>Anthoxanthum odoratum</i> L.	sweet vernalgrass	Poaceae	
AQFO	<i>Aquilegia formosa</i> Fisch. ex DC.	western columbine	Ranunculaceae	
ARABI2	<i>Arabis</i> L.	rockcress	Brassicaceae	
ARUV	<i>Arctostaphylos uva-ursi</i> (L.) Spreng.	kinnikinnick	Ericaceae	
ARLA8	<i>Arnica latifolia</i> Bong.	broadleaf arnica	Asteraceae	
ARLU	<i>Artemisia ludoviciana</i> Nutt.	white sagebrush	Asteraceae	
ARSU4	<i>Artemisia suksdorfii</i> Piper	coastal wormwood	Asteraceae	
ARDI8	<i>Aruncus dioicus</i> (Walter) Fernald	bride's feathers	Rosaceae	
ASCA2	<i>Asarum caudatum</i> Lindl.	British Columbia wildginger	Aristolochiaceae	
ATAM	<i>Athyrium americanum</i> (Butters) Maxon	alpine ladyfern	Dryopteridaceae	
ATFI	<i>Athyrium filix-femina</i> (L.) Roth	common ladyfern	Dryopteridaceae	
BAOR	<i>Barbarea orthoceras</i> Ledeb.	American yellowrocket	Brassicaceae	
BLSP	<i>Blechnum spicant</i> (L.) Sm.	deer fern	Blechnaceae	
BOMU	<i>Botrychium multifidum</i> (S.G. Gmel.) Trevis.	leathery grapefern	Ophioglossaceae	
BOIN4	<i>Boykinia intermedia</i> (Piper) G.N. Jones	Sierra brookfoam	Saxifragaceae	
BRCI2	<i>Bromus ciliatus</i> L.	fringed brome	Poaceae	
BROMU	<i>Bromus</i> L.	brome	Poaceae	
BRPA3	<i>Bromus pacificus</i> Shear	Pacific brome	Poaceae	
BRVU	<i>Bromus vulgaris</i> (Hook.) Shear	Columbia brome	Poaceae	
BUDA2	<i>Buddleja davidii</i> Franch.	orange eye butterflybush	Buddlejaceae	B
CALAM	<i>Calamagrostis</i> Adans.	reedgrass	Poaceae	
CACA4	<i>Calamagrostis canadensis</i> (Michx.) P. Beauv.	bluejoint	Poaceae	
CAHE3	<i>Callitriche heterophylla</i> Pursh	twoheaded water-starwort	Callitrichaceae	
CALE4	<i>Caltha leptosepala</i> DC.	white marsh marigold	Ranunculaceae	
CARO2	<i>Campanula rotundifolia</i> L.	bluebell bellflower	Campanulaceae	
CASC7	<i>Campanula scouleri</i> Hook. ex A. DC.	pale bellflower	Campanulaceae	
CADE9	<i>Carex deweyana</i> Schwein.	Dewey sedge	Cyperaceae	
CAHO5	<i>Carex hoodii</i> Boott	Hood's sedge	Cyperaceae	
CAREX	<i>Carex</i> L.	sedge	Cyperaceae	
CAME6	<i>Carex mertensii</i> Prescott ex Bong.	Mertens' sedge	Cyperaceae	
CAMI7	<i>Carex microptera</i> Mack.	smallwing sedge	Cyperaceae	
CARO5	<i>Carex rossii</i> Boott	Ross' sedge	Cyperaceae	
CASP5	<i>Carex spectabilis</i> Dewey	showy sedge	Cyperaceae	

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
CAST5	Carex stipata Muhl. ex Willd.	awlfuit sedge	Cyperaceae	
CAHI9	Castilleja hispida Benth.	harsh Indian paintbrush	Scrophulariaceae	
CAMI12	Castilleja miniata Douglas ex Hook.	giant red Indian paintbrush	Scrophulariaceae	
CENTA	Centaurea L.	knapweed	Asteraceae	
CEER5	Centaurium erythraea Rafn	European centaur	Gentianaceae	
CEFO2	Cerastium fontanum Baumg.	common mouse-ear chickweed	Caryophyllaceae	
CEGL2	Cerastium glomeratum Thuill.	sticky chickweed	Caryophyllaceae	
CHAN9	Chamerion angustifolium (L.) Holub	fireweed	Onagraceae	
CHME	Chimaphila menziesii (R. Br. ex D. Don) Spreng.	little prince's pine	Pyrolaceae	
CHUM	Chimaphila umbellata (L.) W. Bartram	pipsissewa	Pyrolaceae	
CIIN	Cichorium intybus L.	chicory	Asteraceae	
CILA2	Cinna latifolia (Trevis. ex Goepp.) Griseb.	drooping woodreed	Poaceae	
CIAL	Circaea alpina L.	small enchanter's nightshade	Onagraceae	
CIAR4	Cirsium arvense (L.) Scop.	Canada thistle	Asteraceae	C
CIBR2	Cirsium brevistylum Cronquist	clustered thistle	Asteraceae	
CIED	Cirsium edule Nutt.	edible thistle	Asteraceae	
CIVU	Cirsium vulgare (Savi) Ten.	bull thistle	Asteraceae	C
CLCO3	Claytonia cordifolia S. Watson	heartleaf springbeauty	Portulacaceae	
CLPE	Claytonia perfoliata Donn ex Willd.	miner's lettuce	Portulacaceae	
CLIS2	Claytonia sibirica L.	Siberian springbeauty	Portulacaceae	
CLSI2	Claytonia sibirica L.	Siberian springbeauty	Portulacaceae	
CLUN2	Clintonia uniflora (Menzies ex Schult. & Schult. f.) Kunth	bride's bonnet	Liliaceae	
COHE2	Collomia heterophylla Douglas ex Hook.	variableleaf collomia	Polemoniaceae	
COSE16	Cornus sericea L.	redosier dogwood	Cornaceae	
COUN	Cornus unalaschkensis Ledeb.	western cordilleran bunchberry	Cornaceae	
COSC4	Corydalis scouleri Hook.	Scouler's fumewort	Fumariaceae	
CRCA3	Crepis capillaris (L.) Wallr.	smooth hawksbeard	Asteraceae	
CRAC3	Cryptogramma acrostichoides R. Br.	American rockbrake	Pteridaceae	
CYFR2	Cystopteris fragilis (L.) Bernh.	brittle bladderfern	Dryopteridaceae	
CYSC4	Cytisus scoparius (L.) Link	Scotch broom	Fabaceae	B
DAGL	Dactylis glomerata L.	orchardgrass	Poaceae	
DAIN	Danthonia intermedia Vasey	timber oatgrass	Poaceae	
DEGL3	Delphinium glaucum S. Watson	Sierra larkspur	Ranunculaceae	
DECE	Deschampsia cespitosa (L.) P. Beauv.	tufted hairgrass	Poaceae	
DEEL	Deschampsia elongata (Hook.) Munro	slender hairgrass	Poaceae	
DIAR	Dianthus armeria L.	Deptford pink	Caryophyllaceae	
DIFO	Dicentra formosa (Haw.) Walp.	Pacific bleeding heart	Fumariaceae	
DIPU	Digitalis purpurea L.	purple foxglove	Scrophulariaceae	
DREX2	Dryopteris expansa (C. Presl) Fraser-Jenkins & Jermy	spreading woodfern	Dryopteridaceae	
ELEOC	Eleocharis R. Br.	spikerush	Cyperaceae	
ELGL	Elymus glaucus Buckley	blue wildrye	Poaceae	
EPBR3	Epilobium brachycarpum C. Presl	tall annual willowherb	Onagraceae	
EPCI	Epilobium ciliatum Raf.	fringed willowherb	Onagraceae	

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
EPCIW	Epilobium ciliatum Raf. ssp. watsonii (Barbey) Hoch & P.H. Raven	fringed willowherb	Onagraceae	
EPCL	Epilobium clavatum Trel.	talus willowherb	Onagraceae	
EPILO	Epilobium L.	willowherb	Onagraceae	
EPLU	Epilobium luteum Pursh	yellow willowherb	Onagraceae	
EPMI	Epilobium minutum Lindl. ex Lehm.	chaparral willowherb	Onagraceae	
EQAR	Equisetum arvense L.	field horsetail	Equisetaceae	
EQUIS	Equisetum L.	horsetail	Equisetaceae	
EQTE	Equisetum telmateia Ehrh.	giant horsetail	Equisetaceae	
ERPH	Erigeron philadelphicus L.	Philadelphia fleabane	Asteraceae	
ERLA6	Eriophyllum lanatum (Pursh) Forbes	common woolly sunflower	Asteraceae	
EUNE3	Euphrasia nemorosa (Pers.) Wallr.	common eyebright	Scrophulariaceae	
FESTU	Festuca L.	fescue	Poaceae	
FEOC	Festuca occidentalis Hook.	western fescue	Poaceae	
FEOV	Festuca ovina L.	sheep fescue	Poaceae	
FERU2	Festuca rubra L.	red fescue	Poaceae	
FESU	Festuca subulata Trin.	bearded fescue	Poaceae	
FRVEB2	Fragaria vesca L. ssp. bracteata (A. Heller) Staudt	woodland strawberry	Rosaceae	
FRVI	Fragaria virginiana Duchesne	Virginia strawberry	Rosaceae	
GATE2	Galeopsis tetrahit L.	brittlestem hempnettle	Lamiaceae	
GAAP2	Galium aparine L.	stickywilly	Rubiaceae	
GAOR	Galium oreganum Britton	Oregon bedstraw	Rubiaceae	
GATR3	Galium triflorum Michx.	fragrant bedstraw	Rubiaceae	
GAPU3	Gamochaeta purpurea (L.) Cabrera	spoonleaf purple everlasting	Asteraceae	
GAOV2	Gaultheria ovatifolia A. Gray	western teaberry	Ericaceae	
GASH	Gaultheria shallon Pursh	salal	Ericaceae	
GECA	Gentiana calycosa Griseb.	Rainier pleated gentian	Gentianaceae	
GERO	Geranium robertianum L.	Robert geranium	Geraniaceae	B
GEMA4	Geum macrophyllum Willd.	largeleaf avens	Rosaceae	
GLST	Glyceria striata (Lam.) Hitchc.	fowl mannagrass	Poaceae	
GNUL	Gnaphalium uliginosum L.	marsh cudweed	Asteraceae	
GOOB2	Goodyera oblongifolia Raf.	western rattlesnake plantain	Orchidaceae	
GYDR	Gymnocarpium dryopteris (L.) Newman	western oakfern	Dryopteridaceae	
HEMA80	Heracleum maximum Bartram	common cowparsnip	Apiaceae	
HEMI7	Heuchera micrantha Douglas ex Lindl.	crevice alumroot	Saxifragaceae	
HIAL2	Hieracium albiflorum Hook.	white hawkweed	Asteraceae	
HICA10	Hieracium caespitosum Dumort.	meadow hawkweed	Asteraceae	B
HILA8	Hieracium lachenalii C.C. Gmel.	common hawkweed	Asteraceae	C
HOLA	Holcus lanatus L.	common velvetgrass	Poaceae	
HODI	Holodiscus discolor (Pursh) Maxim.	oceanspray	Rosaceae	
HODI	Holodiscus discolor (Pursh) Maxim.	oceanspray	Rosaceae	
HYTE	Hydrophyllum tenuipes A. Heller	Pacific waterleaf	Hydrophyllaceae	
HYAN2	Hypericum anagalloides Cham. & Schltld.	tinker's penny	Clusiaceae	
HYPE	Hypericum perforatum L.	common St. Johnswort	Clusiaceae	C
HYRA3	Hypochaeris radicata L.	hairy cat's ear	Asteraceae	B
JUBU	Juncus bufonius L.	toad rush	Juncaceae	

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
JUEF	<i>Juncus effusus</i> L.	common rush	Juncaceae	
JUEN	<i>Juncus ensifolius</i> Wikstr.	swordleaf rush	Juncaceae	
JUNCU	<i>Juncus</i> L.	rush	Juncaceae	
JUTE	<i>Juncus tenuis</i> Willd.	poverty rush	Juncaceae	
LABI	<i>Lactuca biennis</i> (Moench) Fernald	tall blue lettuce	Asteraceae	
LACTU	<i>Lactuca</i> L.	lettuce	Asteraceae	
LACO3	<i>Lapsana communis</i> L.	common nipplewort	Asteraceae	
LEAU2	<i>Leontodon autumnalis</i> L.	fall dandelion	Asteraceae	
LEVU	<i>Leucanthemum vulgare</i> Lam.	oxeye daisy	Asteraceae	B
LIAP	<i>Ligusticum apiifolium</i> (Nutt. ex Torr. & A. Gray) A. Gray	celeryleaf licorice-root	Apiaceae	
LICO	<i>Lilium columbianum</i> Leichtlin	Columbia lily	Liliaceae	
LIBO3	<i>Linnaea borealis</i> L.	twinflower	Caprifoliaceae	
LOMI4	<i>Logfia minima</i> (Sm.) Dumort.	little cottonrose	Asteraceae	
LOPE	<i>Lolium perenne</i> L.	perennial ryegrass	Poaceae	
LOMA5	<i>Lomatium martindalei</i> (J.M. Coult. & Rose) J.M. Coult. & Rose	cascade desertparsley	Apiaceae	
LOCI3	<i>Lonicera ciliosa</i> (Pursh) Poir. ex DC.	orange honeysuckle	Caprifoliaceae	
LOIN5	<i>Lonicera involucrata</i> (Richardson) Banks ex Spreng.	twinberry honeysuckle	Caprifoliaceae	
LOMI	<i>Lotus micranthus</i> Benth.	desert deervetch	Fabaceae	
LOPE80	<i>Lotus pedunculatus</i> Cav.	big trefoil	Fabaceae	
LOUN	<i>Lotus unifoliolatus</i> (Hook.) Benth.	American bird's-foot trefoil	Fabaceae	
LUHY	<i>Luina hypoleuca</i> Benth.	littleleaf silverback	Asteraceae	
LUPIN	<i>Lupinus</i> L.	lupine	Fabaceae	
LULA4	<i>Lupinus latifolius</i> Lindl. ex J. Agardh	broadleaf lupine	Fabaceae	
LULE2	<i>Lupinus lepidus</i> Douglas ex Lindl.	Pacific lupine	Fabaceae	
LURI	<i>Lupinus rivularis</i> Douglas ex Lindl.	riverbank lupine	Fabaceae	
LUCO6	<i>Luzula comosa</i> E. Mey.	Pacific woodrush	Juncaceae	
LUZUL	<i>Luzula</i> DC.	woodrush	Juncaceae	
LUMU2	<i>Luzula multiflora</i> (Ehrh.) Lej.	common woodrush	Juncaceae	
LUPA4	<i>Luzula parviflora</i> (Ehrh.) Desv.	smallflowered woodrush	Juncaceae	
LUSP4	<i>Luzula spicata</i> (L.) DC.	spiked woodrush	Juncaceae	
LYAN2	<i>Lycopodium annotinum</i> L.	stiff clubmoss	Lycopodiaceae	
LYCL	<i>Lycopodium clavatum</i> L.	running clubmoss	Lycopodiaceae	
LYSI	<i>Lycopodium sitchense</i> Rupr.	Sitka clubmoss	Lycopodiaceae	
LYAM	<i>Lycopus americanus</i> Muhl. ex W. Bartram	American water horehound	Lamiaceae	
MANE2	<i>Mahonia nervosa</i> (Pursh) Nutt.	Cascade barberry	Berberidaceae	
MADI	<i>Maianthemum dilatatum</i> (Alph. Wood) A. Nelson & J.F. Macbr.	false lily of the valley	Liliaceae	
MAST4	<i>Maianthemum stellatum</i> (L.) Link	starry false lily of the valley	Liliaceae	
MAFU	<i>Malus fusca</i> (Raf.) C.K. Schneid.	Oregon crab apple	Rosaceae	
MEFE	<i>Menziesia ferruginea</i> Sm.	rusty menziesia	Ericaceae	
MIGU	<i>Mimulus guttatus</i> DC.	seep monkeyflower	Scrophulariaceae	
MIBR6	<i>Mitella breweri</i> A. Gray	Brewer's miterwort	Saxifragaceae	
MITEL	<i>Mitella</i> L.	miterwort	Saxifragaceae	
MOMA3	<i>Moehringia macrophylla</i> (Hook.) Fenzl	largeleaf sandwort	Caryophyllaceae	
MOPA2	<i>Montia parvifolia</i> (Moc. ex DC.) Greene	littleleaf minerslettuce	Portulacaceae	

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
MYMU	Mycelis muralis (L.) Dumort.	wall-lettuce	Asteraceae	
NECR2	Nephrophyllidium crista-galli (Menzies ex Hook.) Gilg	deercabbage	Menyanthaceae	
NONE3	Nothochelone nemorosa (Douglas ex Lindl.) Straw	woodland beardtongue	Scrophulariaceae	
OECE	Oemleria cerasiformis (Torr. & A. Gray ex Hook. & Arn.) Landon	Indian plum	Rosaceae	
OESA	Oenanthe sarmentosa C. Presl ex DC.	water parsely	Apiaceae	
OEGL	Oenothera glazioviana Micheli	redsepal evening primrose	Onagraceae	
OPHO	Oplopanax horridus (Sm.) Miq.	devilsclub	Araliaceae	
ORSE	Orthilia secunda (L.) House	sidebells wintergreen	Pyrolaceae	
OSBE	Osmorhiza berteroi DC.	sweetcicely	Apiaceae	
PAMY	Paxistima myrsinites (Pursh) Raf.	Oregon boxleaf	Celastraceae	
PESE5	Penstemon serrulatus Menzies ex Sm.	serrulate penstemon	Scrophulariaceae	
PEFRP	Petasites frigidus (L.) Fr. var. palmatus (Aiton) Cronquist	arctic sweet coltsfoot	Asteraceae	
PHHE2	Phacelia heterophylla Pursh	varileaf phacelia	Hydrophyllaceae	
PHNE2	Phacelia nemoralis Greene	shade phacelia	Hydrophyllaceae	
PHAR3	Phalaris arundinacea L.	reed canarygrass	Poaceae	C
PHLE4	Philadelphus lewisii Pursh	Lewis' mock orange	Hydrangeaceae	
PHPR3	Phleum pratense L.	timothy	Poaceae	
PHCA11	Physocarpus capitatus (Pursh) Kuntze	Pacific ninebark	Rosaceae	
PIMO3	Pinus monticola Douglas ex D. Don	western white pine	Pinaceae	
PLANT	Plantago L.	plantain	Plantaginaceae	
PLLA	Plantago lanceolata L.	narrowleaf plantain	Plantaginaceae	
PLMA2	Plantago major L.	common plantain	Plantaginaceae	
PLST4	Platanthera stricta Lindl.	slender bog orchid	Orchidaceae	
POAN	Poa annua L.	annual bluegrass	Poaceae	
POA	Poa L.	bluegrass	Poaceae	
POPR	Poa pratensis L.	Kentucky bluegrass	Poaceae	
POAR11	Polygonum arenastrum Jord. ex Boreau	oval-leaf knotweed	Polygonaceae	
POCU6	Polygonum cuspidatum Siebold & Zucc.	Japanese knotweed	Polygonaceae	B
POMI2	Polygonum minimum S. Watson	broadleaf knotweed	Polygonaceae	
POGL8	Polypodium glycyrrhiza D.C. Eaton	licorice fern	Polypodiaceae	
POMU	Polystichum munitum (Kaulf.) C. Presl	western swordfern	Dryopteridaceae	
POBAT	Populus balsamifera L. ssp. trichocarpa (Torr. & A. Gray ex Hook.) Brayshaw	black cottonwood	Salicaceae	
PRAL	Prenanthes alata (Hook.) D. Dietr.	western rattlesnakeroot	Asteraceae	
PROSA	Prosartes D. Don		Liliaceae	
PRHO2	Prosartes hookeri Torr.	drops-of-gold	Liliaceae	
PRVU	Prunella vulgaris L.	common selfheal	Lamiaceae	
PRVUL2	Prunella vulgaris L. ssp. lanceolata (W. Bartram) Hultén	lance selfheal	Lamiaceae	
PRVUV	Prunella vulgaris L. ssp. vulgaris	common selfheal	Lamiaceae	
PREM	Prunus emarginata (Douglas ex Hook.) D. Dietr.	bitter cherry	Rosaceae	
PRLA5	Prunus laurocerasus L.	cherry laurel	Rosaceae	
PSCA11	Pseudognaphalium canescens (DC.) W.A. Weber	Wright's cudweed	Asteraceae	

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
PSCAT	<i>Pseudognaphalium canescens</i> (DC.) W.A. Weber ssp. <i>thermale</i> (E.E. Nelson) Kartesz	Wright's cudweed	Asteraceae	
PSME	<i>Pseudotsuga menziesii</i> (Mirb.) Franco	Douglas-fir	Pinaceae	
PTAQ	<i>Pteridium aquilinum</i> (L.) Kuhn	western brackenfern	Dennstaedtiaceae	
PTAN2	<i>Pterospora andromedea</i> Nutt.	woodland pinedrops	Monotropaceae	
RARE3	<i>Ranunculus repens</i> L.	creeping buttercup	Ranunculaceae	
RAUN	<i>Ranunculus uncinatus</i> D. Don ex G. Don	woodland buttercup	Ranunculaceae	
RIBR	<i>Ribes bracteosum</i> Douglas ex Hook.	stink currant	Grossulariaceae	
RIDI	<i>Ribes divaricatum</i> Douglas	spreading gooseberry	Grossulariaceae	
RILA	<i>Ribes lacustre</i> (Pers.) Poir.	prickly currant	Grossulariaceae	
RISA	<i>Ribes sanguineum</i> Pursh	redflower currant	Grossulariaceae	
ROGY	<i>Rosa gymnocarpa</i> Nutt.	dwarf rose	Rosaceae	
ROSA5	<i>Rosa</i> L.	rose	Rosaceae	
RUAR9	<i>Rubus armeniacus</i> Focke	Himalayan blackberry	Rosaceae	
RUID	<i>Rubus idaeus</i> L.	American red raspberry	Rosaceae	
RULA	<i>Rubus laciniatus</i> Willd.	cutleaf blackberry	Rosaceae	
RULA2	<i>Rubus lasiococcus</i> A. Gray	roughfruit berry	Rosaceae	
RULE	<i>Rubus leucodermis</i> Douglas ex Torr. & A. Gray	whitebark raspberry	Rosaceae	
RUPA	<i>Rubus parviflorus</i> Nutt.	thimbleberry	Rosaceae	
RUPE	<i>Rubus pedatus</i> Sm.	strawberryleaf raspberry	Rosaceae	
RUSP	<i>Rubus spectabilis</i> Pursh	salmonberry	Rosaceae	
RUUR	<i>Rubus ursinus</i> Cham. & Schtdl.	California blackberry	Rosaceae	
RUAC2	<i>Rumex acetosa</i> L.	garden sorrel	Polygonaceae	
RUAC3	<i>Rumex acetosella</i> L.	common sheep sorrel	Polygonaceae	
RUMEX	<i>Rumex</i> L.	dock	Polygonaceae	
RUOB	<i>Rumex obtusifolius</i> L.	bitter dock	Polygonaceae	
RUPH3	<i>Rupertia physodes</i> (Douglas ex Hook.) J. Grimes	forest scurfpea	Fabaceae	
SAGIN	<i>Sagina</i> L.	pearlwort	Caryophyllaceae	
SAPR	<i>Sagina procumbens</i> L.	birdeye pearlwort	Caryophyllaceae	
SALIX	<i>Salix</i> L.	willow	Salicaceae	
SALUL	<i>Salix lucida</i> Muhl. ssp. <i>lasiandra</i> (Benth.) E. Murray	Pacific willow	Salicaceae	
SASC	<i>Salix scouleriana</i> Barratt ex Hook.	Scouler's willow	Salicaceae	
SASI2	<i>Salix sitchensis</i> Sanson ex Bong.	Sitka willow	Salicaceae	
SARA2	<i>Sambucus racemosa</i> L.	red elderberry	Caprifoliaceae	
SACA14	<i>Sanguisorba canadensis</i> L.	Canadian burnet	Rosaceae	
SAFE	<i>Saxifraga ferruginea</i> Graham	russethair saxifrage	Saxifragaceae	
SAOD2	<i>Saxifraga odontoloma</i> Piper	brook saxifrage	Saxifragaceae	
SARU7	<i>Saxifraga rufidula</i> (Small) Macoun	rustyhair saxifrage	Saxifragaceae	
SCPH	<i>Schedonorus phoenix</i> (Scop.) Holub	tall fescue	Poaceae	
SCMI2	<i>Scirpus microcarpus</i> J. Presl & C. Presl	panicled bulrush	Cyperaceae	
SEOR	<i>Sedum oreganum</i> Nutt.	Oregon stonecrop	Crassulaceae	
SEJA	<i>Senecio jacobaea</i> L.	stinking willie	Asteraceae	B
SESY	<i>Senecio sylvaticus</i> L.	woodland ragwort	Asteraceae	
SETR	<i>Senecio triangularis</i> Hook.	arrowleaf ragwort	Asteraceae	
SOCA6	<i>Solidago canadensis</i> L.	Canada goldenrod	Asteraceae	
SOAS	<i>Sonchus asper</i> (L.) Hill	spiny sowthistle	Asteraceae	

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
SOAU	<i>Sorbus aucuparia</i> L.	European mountain ash	Rosaceae	
SORBU	<i>Sorbus</i> L.	mountain ash	Rosaceae	
SOSC2	<i>Sorbus scopulina</i> Greene	Greene's mountain ash	Rosaceae	
SOSI2	<i>Sorbus sitchensis</i> M. Roem.	western mountain ash	Rosaceae	
SPRU	<i>Spergularia rubra</i> (L.) J. Presl & C. Presl	red sandspurry	Caryophyllaceae	
SPBE2	<i>Spiraea betulifolia</i> Pall.	white spirea	Rosaceae	
SPDO	<i>Spiraea douglasii</i> Hook.	rose spirea	Rosaceae	
SPIRA	<i>Spiraea</i> L.	spirea	Rosaceae	
SPSPS	<i>Spiraea splendens</i> Baumann ex K. Koch var. <i>splendens</i>	rose meadowsweet	Rosaceae	
SPRO	<i>Spiranthes romanzoffiana</i> Cham.	hooded lady's tresses	Orchidaceae	
STCHC3	<i>Stachys chamissonis</i> Benth. var. <i>cooleyae</i> (A. Heller) G. Mulligan & D. Munro	coastal hedgenettle	Lamiaceae	
STACH	<i>Stachys</i> L.	hedgenettle	Lamiaceae	
STCA	<i>Stellaria calycantha</i> (Ledeb.) Bong.	northern starwort	Caryophyllaceae	
STCR2	<i>Stellaria crispa</i> Cham. & Schltldl.	curled starwort	Caryophyllaceae	
STLO2	<i>Stellaria longipes</i> Goldie	longstalk starwort	Caryophyllaceae	
STAM2	<i>Streptopus amplexifolius</i> (L.) DC.	claspleaf twistedstalk	Liliaceae	
STLAC	<i>Streptopus lanceolatus</i> (Aiton) Reveal var. <i>curvipes</i> (Vail) Reveal	twistedstalk	Liliaceae	
STREP3	<i>Streptopus</i> Michx.	twistedstalk	Liliaceae	
STST3	<i>Streptopus streptopoides</i> (Ledeb.) Frye & Rigg	small twistedstalk	Liliaceae	
SYAL	<i>Symphoricarpos albus</i> (L.) S.F. Blake	common snowberry	Caprifoliaceae	
SYHE	<i>Symphoricarpos hesperius</i> G.N. Jones	trailing snowberry	Caprifoliaceae	
TAVU	<i>Tanacetum vulgare</i> L.	common tansy	Asteraceae	C
TAOF	<i>Taraxacum officinale</i> F.H. Wigg.	common dandelion	Asteraceae	
TEGR2	<i>Tellima grandiflora</i> (Pursh) Douglas ex Lindl.	bigflower tellima	Saxifragaceae	
THOC	<i>Thalictrum occidentale</i> A. Gray	western meadow-rue	Ranunculaceae	
THPL	<i>Thuja plicata</i> Donn ex D. Don	western redcedar	Cupressaceae	
TITR	<i>Tiarella trifoliata</i> L.	threeleaf foamflower	Saxifragaceae	
TITRT	<i>Tiarella trifoliata</i> L. var. <i>trifoliata</i>	threeleaf foamflower	Saxifragaceae	
TITRU	<i>Tiarella trifoliata</i> L. var. <i>unifoliata</i> (Hook.) Kurtz	oneleaf foamflower	Saxifragaceae	
TOME	<i>Tolmiea menziesii</i> (Pursh) Torr. & A. Gray	youth on age	Saxifragaceae	
TRCA	<i>Trautvetteria caroliniensis</i> (Walter) Vail	Carolina bugbane	Ranunculaceae	
TROCB	<i>Triantha occidentalis</i> (S. Watson) Gates ssp. <i>brevistyla</i> (C.L. Hitchc.) Packer	sticky tofieldia	Liliaceae	
TRBOL	<i>Trientalis borealis</i> Raf. ssp. <i>latifolia</i> (Hook.) Hultén	broadleaf starflower	Primulaceae	
TRAR4	<i>Trifolium arvense</i> L.	rabbitfoot clover	Fabaceae	
TRDU2	<i>Trifolium dubium</i> Sibth.	suckling clover	Fabaceae	
TRHY	<i>Trifolium hybridum</i> L.	alsike clover	Fabaceae	
TRIFO	<i>Trifolium</i> L.	clover	Fabaceae	
TRPR2	<i>Trifolium pratense</i> L.	red clover	Fabaceae	
TRRE3	<i>Trifolium repens</i> L.	white clover	Fabaceae	
TROV2	<i>Trillium ovatum</i> Pursh	Pacific trillium	Liliaceae	
TRCA21	<i>Trisetum canescens</i> Buckley	tall trisetum	Poaceae	
TRAE	<i>Triticum aestivum</i> L.	common wheat	Poaceae	
TRLA14	<i>Trollius laxus</i> Salisb.	American globeflower	Ranunculaceae	

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
TSHE	<i>Tsuga heterophylla</i> (Raf.) Sarg.	western hemlock	Pinaceae	
TSME	<i>Tsuga mertensiana</i> (Bong.) Carrière	mountain hemlock	Pinaceae	
TYLA	<i>Typha latifolia</i> L.	broadleaf cattail	Typhaceae	
URDI	<i>Urtica dioica</i> L.	stinging nettle	Urticaceae	
VAAL3	<i>Vaccinium alaskaense</i> Howell	Alaska blueberry	Ericaceae	
VACCI	<i>Vaccinium</i> L.	blueberry	Ericaceae	
VAOV	<i>Vaccinium ovalifolium</i> Sm.	oval-leaf blueberry	Ericaceae	
VAPA	<i>Vaccinium parvifolium</i> Sm.	red huckleberry	Ericaceae	
VAAT2	<i>Vahlodea atropurpurea</i> (Wahlenb.) Fr. ex Hartm.	mountain hairgrass	Poaceae	
VALER	<i>Valeriana</i> L.	valerian	Valerianaceae	
VASC2	<i>Valeriana scouleri</i> Rydb.	Scouler's valerian	Valerianaceae	
VASI	<i>Valeriana sitchensis</i> Bong.	Sitka valerian	Valerianaceae	
VERAT	<i>Veratrum</i> L.	false hellebore	Liliaceae	
VEVI	<i>Veratrum viride</i> Aiton	green false hellebore	Liliaceae	
VETH	<i>Verbascum thapsus</i> L.	common mullein	Scrophulariaceae	
VEAM2	<i>Veronica americana</i> Schwein. ex Benth.	American speedwell	Scrophulariaceae	
VECH	<i>Veronica chamaedrys</i> L.	germander speedwell	Scrophulariaceae	
VERON	<i>Veronica</i> L.	speedwell	Scrophulariaceae	
VEOF2	<i>Veronica officinalis</i> L.	common gypsyweed	Scrophulariaceae	
VESE	<i>Veronica serpyllifolia</i> L.	thymeleaf speedwell	Scrophulariaceae	
VISA	<i>Vicia sativa</i> L.	garden vetch	Fabaceae	
VIGL	<i>Viola glabella</i> Nutt.	pioneer violet	Violaceae	
VIOR	<i>Viola orbiculata</i> Geyer ex Holz.	darkwoods violet	Violaceae	
VISE3	<i>Viola sempervirens</i> Greene	evergreen violet	Violaceae	
VUMY	<i>Vulpia myuros</i> (L.) C.C. Gmel.	rat-tail fescue	Poaceae	
XETE	<i>Xerophyllum tenax</i> (Pursh) Nutt.	common beargrass	Liliaceae	

Decommissioned Road Surveys Tolt River Watershed

We surveyed four decommissioned roads in the Tolt River Watershed in 2008. From these surveys we identified roughly 110 vascular plant species occurring within the targeted decommissioned roads. Table 8 provides the list of vascular plant species found within decommissioned roads in the Tolt River Watershed. Appendix C provides descriptions, information about the surveyor's name and survey date, and the resulting plant list for each decommissioned road in the Tolt River Watershed. Some roads, due to proximity and similarity, have their lists combined into a "group" list that accounts for all the species identified along all the roads in a single group.

Table 8. List of vascular plant species identified during decommissioned road surveys in Tolt River Watershed.

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
ABAM	<i>Abies amabilis</i> (Douglas ex Louden) Douglas ex Forbes	Pacific silver fir	Pinaceae	
ACCI	<i>Acer circinatum</i> Pursh	vine maple	Aceraceae	
ACTR	<i>Achlys triphylla</i> (Sm.) DC.	sweet after death	Berberidaceae	
AGCA5	<i>Agrostis capillaris</i> L.	colonial bentgrass	Poaceae	
AGHU	<i>Agrostis humilis</i> Vasey	alpine bentgrass	Poaceae	
ALRU2	<i>Alnus rubra</i> Bong.	red alder	Betulaceae	
ANMA	<i>Anaphalis margaritacea</i> (L.) Benth.	western pearly everlasting	Asteraceae	
ANAR3	<i>Angelica arguta</i> Nutt.	Lyll's angelica	Apiaceae	
ARDI8	<i>Aruncus dioicus</i> (Walter) Fernald	bride's feathers	Rosaceae	
ASCA2	<i>Asarum caudatum</i> Lindl.	British Columbia wildginger	Aristolochiaceae	
ATFI	<i>Athyrium filix-femina</i> (L.) Roth	common ladyfern	Dryopteridaceae	
BLSP	<i>Blechnum spicant</i> (L.) Sm.	deer fern	Blechnaceae	
BOIN4	<i>Boykinia intermedia</i> (Piper) G.N. Jones	Sierra brookfoam	Saxifragaceae	
BRCA5	<i>Bromus carinatus</i> Hook. & Arn.	California brome	Poaceae	
BRRA2	<i>Bromus racemosus</i> L.	bald brome	Poaceae	
BRVU	<i>Bromus vulgaris</i> (Hook.) Shear	Columbia brome	Poaceae	
CACA4	<i>Calamagrostis canadensis</i> (Michx.) P. Beauv.	bluejoint	Poaceae	
CALE4	<i>Caltha leptosepala</i> DC.	white marsh marigold	Ranunculaceae	
CADE9	<i>Carex deweyana</i> Schwein.	Dewey sedge	Cyperaceae	
CAGE2	<i>Carex geyeri</i> Boott	Geyer's sedge	Cyperaceae	
CAME6	<i>Carex mertensii</i> Prescott ex Bong.	Mertens' sedge	Cyperaceae	
CENU2	<i>Cerastium nutans</i> Raf.	nodding chickweed	Caryophyllaceae	
CHAN9	<i>Chamerion angustifolium</i> (L.) Holub	fireweed	Onagraceae	
CIAL	<i>Circaea alpina</i> L.	small enchanter's nightshade	Onagraceae	
CIAR4	<i>Cirsium arvense</i> (L.) Scop.	Canada thistle	Asteraceae	C
CIBR2	<i>Cirsium brevistylum</i> Cronquist	clustered thistle	Asteraceae	

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
CLSI2	Claytonia sibirica L.	Siberian springbeauty	Portulacaceae	
CLSI5	Claytonia sibirica L. var. sibirica	Siberian springbeauty	Portulacaceae	
COUN	Cornus unalaschkensis Ledeb.	western cordilleran bunchberry	Cornaceae	
CRCA3	Crepis capillaris (L.) Wallr.	smooth hawksbeard	Asteraceae	
CYSC4	Cytisus scoparius (L.) Link	Scotch broom	Fabaceae	B
DAGL	Dactylis glomerata L.	orchardgrass	Poaceae	
DECE	Deschampsia cespitosa (L.) P. Beauv.	tufted hairgrass	Poaceae	
DIFO	Dicentra formosa (Haw.) Walp.	Pacific bleeding heart	Fumariaceae	
DIPU	Digitalis purpurea L.	purple foxglove	Scrophulariaceae	
DIFU2	Dipsacus fullonum L.	Fuller's teasel	Dipsacaceae	
ELGL	Elymus glaucus Buckley	blue wildrye	Poaceae	
EPCI	Epilobium ciliatum Raf.	fringed willowherb	Onagraceae	
EPMI	Epilobium minutum Lindl. ex Lehm.	chaparral willowherb	Onagraceae	
EQAR	Equisetum arvense L.	field horsetail	Equisetaceae	
EUNE3	Euphrasia nemorosa (Pers.) Wallr.	common eyebright	Scrophulariaceae	
FEOV	Festuca ovina L.	sheep fescue	Poaceae	
GAAP2	Galium aparine L.	stickywilly	Rubiaceae	
GATR3	Galium triflorum Michx.	fragrant bedstraw	Rubiaceae	
GAOV2	Gaultheria ovatifolia A. Gray	western teaberry	Ericaceae	
GASH	Gaultheria shallon Pursh	salal	Ericaceae	
GYDR	Gymnocarpium dryopteris (L.) Newman	western oakfern	Dryopteridaceae	
HIAL2	Hieracium albiflorum Hook.	white hawkweed	Asteraceae	
HICA10	Hieracium caespitosum Dumort.	meadow hawkweed	Asteraceae	B
HOLA	Holcus lanatus L.	common velvetgrass	Poaceae	
HOMO	Holcus mollis L.	creeping velvetgrass	Poaceae	
HYRA3	Hypochaeris radicata L.	hairy cat's ear	Asteraceae	B
JUEF	Juncus effusus L.	common rush	Juncaceae	
LEVU	Leucanthemum vulgare Lam.	oxeye daisy	Asteraceae	B
LUPE	Luetkea pectinata (Pursh) Kuntze	partridgefoot	Rosaceae	
LUPA4	Luzula parviflora (Ehrh.) Desv.	smallflowered woodrush	Juncaceae	
LYCL	Lycopodium clavatum L.	running clubmoss	Lycopodiaceae	
LYSI	Lycopodium sitchense Rupr.	Sitka clubmoss	Lycopodiaceae	
MADI	Maianthemum dilatatum (Alph. Wood) A. Nelson & J.F. Macbr.	false lily of the valley	Liliaceae	
MAST4	Maianthemum stellatum (L.) Link	starry false lily of the valley	Liliaceae	
MEFE	Menziesia ferruginea Sm.	rusty menziesia	Ericaceae	
MIGU	Mimulus guttatus DC.	seep monkeyflower	Scrophulariaceae	
MOPA2	Montia parvifolia (Moc. ex DC.) Greene	littleleaf minerslettuce	Portulacaceae	

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
MYMU	<i>Mycelis muralis</i> (L.) Dumort.	wall-lettuce	Asteraceae	
OPHO	<i>Oplopanax horridus</i> (Sm.) Miq.	devilsclub	Araliaceae	
OSBE	<i>Osmorhiza berteroi</i> DC.	sweetcicely	Apiaceae	
PEFRP	<i>Petasites frigidus</i> (L.) Fr. var. <i>palmatus</i> (Aiton) Cronquist	arctic sweet coltsfoot	Asteraceae	
PHAR3	<i>Phalaris arundinacea</i> L.	reed canarygrass	Poaceae	C
PHAL2	<i>Phleum alpinum</i> L.	alpine timothy	Poaceae	
PHEM	<i>Phyllodoce empetrifomis</i> (Sm.) D. Don	pink mountainheath	Ericaceae	
PLLA	<i>Plantago lanceolata</i> L.	narrowleaf plantain	Plantaginaceae	
PLMA2	<i>Plantago major</i> L.	common plantain	Plantaginaceae	
PLST4	<i>Platanthera stricta</i> Lindl.	slender bog orchid	Orchidaceae	
POPR	<i>Poa pratensis</i> L.	Kentucky bluegrass	Poaceae	
POMU	<i>Polystichum munitum</i> (Kaulf.) C. Presl	western swordfern	Dryopteridaceae	
POBAT	<i>Populus balsamifera</i> L. ssp. <i>trichocarpa</i> (Torr. & A. Gray ex Hook.) Brayshaw	black cottonwood	Salicaceae	
PRVU	<i>Prunella vulgaris</i> L.	common selfheal	Lamiaceae	
PSME	<i>Pseudotsuga menziesii</i> (Mirb.) Franco	Douglas-fir	Pinaceae	
PTAQ	<i>Pteridium aquilinum</i> (L.) Kuhn	western brackenfern	Dennstaedtiaceae	
RARE3	<i>Ranunculus repens</i> L.	creeping buttercup	Ranunculaceae	
RAUN	<i>Ranunculus uncinatus</i> D. Don ex G. Don	woodland buttercup	Ranunculaceae	
RIBR	<i>Ribes bracteosum</i> Douglas ex Hook.	stink currant	Grossulariaceae	
ROGY	<i>Rosa gymnocarpa</i> Nutt.	dwarf rose	Rosaceae	
RULA	<i>Rubus laciniatus</i> Willd.	cutleaf blackberry	Rosaceae	
RULA2	<i>Rubus lasiococcus</i> A. Gray	roughfruit berry	Rosaceae	
RULE	<i>Rubus leucodermis</i> Douglas ex Torr. & A. Gray	whitebark raspberry	Rosaceae	
RUPA	<i>Rubus parviflorus</i> Nutt.	thimbleberry	Rosaceae	
RUPE	<i>Rubus pedatus</i> Sm.	strawberryleaf raspberry	Rosaceae	
RUSP	<i>Rubus spectabilis</i> Pursh	salmonberry	Rosaceae	
RUUR	<i>Rubus ursinus</i> Cham. & Schtdl.	California blackberry	Rosaceae	
RUAC2	<i>Rumex acetosa</i> L.	garden sorrel	Polygonaceae	
SASI2	<i>Salix sitchensis</i> Sanson ex Bong.	Sitka willow	Salicaceae	
SARA2	<i>Sambucus racemosa</i> L.	red elderberry	Caprifoliaceae	
SOCA6	<i>Solidago canadensis</i> L.	Canada goldenrod	Asteraceae	
SOAS	<i>Sonchus asper</i> (L.) Hill	spiny sowthistle	Asteraceae	
SOSI2	<i>Sorbus sitchensis</i> M. Roem.	western mountain ash	Rosaceae	
SPDO	<i>Spiraea douglasii</i> Hook.	rose spirea	Rosaceae	
SPRO	<i>Spiranthes romanzoffiana</i> Cham.	hooded lady's tresses	Orchidaceae	

4Letter	Scientific Name with Author	Common Name	Family	Noxious Status
STCA	<i>Stellaria calycantha</i> (Ledeb.) Bong.	northern starwort	Caryophyllaceae	
STAM2	<i>Streptopus amplexifolius</i> (L.) DC.	claspleaf twistedstalk	Liliaceae	
THPL	<i>Thuja plicata</i> Donn ex D. Don	western redcedar	Cupressaceae	
TITR	<i>Tiarella trifoliata</i> L.	threeleaf foamflower	Saxifragaceae	
TOME	<i>Tolmiea menziesii</i> (Pursh) Torr. & A. Gray	youth on age	Saxifragaceae	
TSHE	<i>Tsuga heterophylla</i> (Raf.) Sarg.	western hemlock	Pinaceae	
VAOV	<i>Vaccinium ovalifolium</i> Sm.	oval-leaf blueberry	Ericaceae	
VAPA	<i>Vaccinium parvifolium</i> Sm.	red huckleberry	Ericaceae	
VECH	<i>Veronica chamaedrys</i> L.	germander speedwell	Scrophulariaceae	
VEOF2	<i>Veronica officinalis</i> L.	common gypsyweed	Scrophulariaceae	
VIGL	<i>Viola glabella</i> Nutt.	pioneer violet	Violaceae	
VISE3	<i>Viola sempervirens</i> Greene	evergreen violet	Violaceae	

Discussion of Noxious Weed Dynamics in the Cedar River Watershed

Spotted knapweed, *Centaurea stoebe* (*C. biebersteinii*)

Spotted knapweed occurs mostly around the Cedar Falls development (Figure 11). This species is dependent upon disturbances like road grading and facilities development to get established in a forested environment. Due to the currently limited extent of *C. stoebe* within the watershed, an eradication program based on pulling out individuals by the roots before flowering should be developed for this noxious weed. It is particularly important to eliminate this weed at the central the Cedar Falls headquarters, as vehicles and equipment leaving this site have the potential to disseminate the weed through the rest of the watershed and beyond.

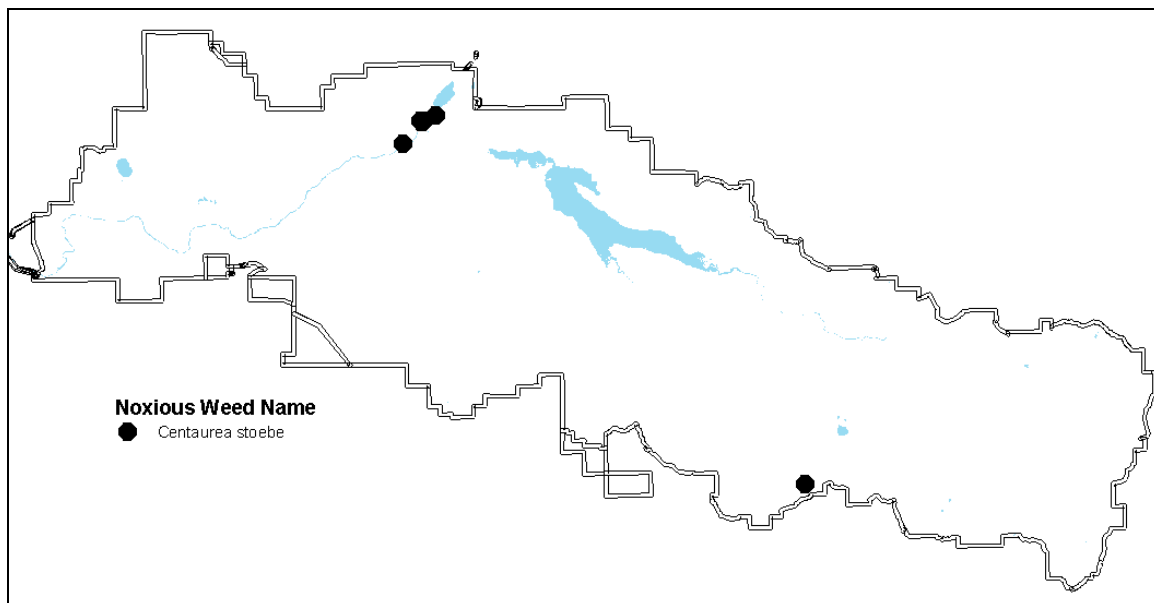


Figure 11. Distribution of mapped *C. stoebe* populations in the Cedar River Watershed

Orange hawkweed, *Hieracium aurantiacum*

Although Orange hawkweed was only mapped in five locations within the watershed (all in the lower watershed) one location in the southwest corner of the watershed near Landsberg Dam contained an estimated population of 3500 individuals (Figure 12). It is recommended that tarping and hand pulling of existing populations begin immediately in order to limit the spread of this species further within the watershed. *H. aurantiacum* is a prolific seed producer and spreads asexually via stolons and rhizomes. Its preferred habitats are meadows, grasslands, rangelands and pastures, so logging and forest removal creates more suitable habitat for this species to spread. In the watershed, areas where constant human disturbance keeps larger woody vegetation from recolonizing and shading out the lower canopy, like lawns and roadsides, are most at risk of *H. aurantiacum* invasion.

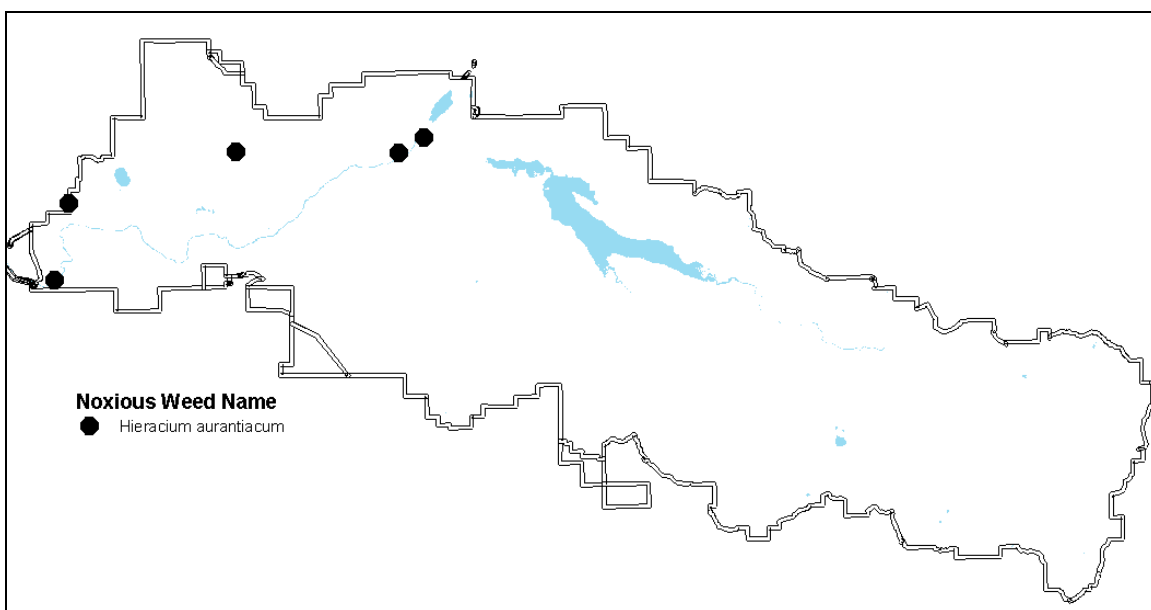


Figure 12. Distribution of mapped *H. aurantiacum* populations in the Cedar River Watershed

Yellow hawkweed, *Hieracium caespitosum*

Yellow hawkweed infestations occur in the higher elevations of certain road systems in the upper watershed (Figures 13 and 14). These road systems include the 70s systems, the 200s system, and the 300s system. Small populations occur along higher elevation roadsides in other parts of the upper watershed as well. Tarping appears to be the primary control activity already taking place in some of the largest infestation areas. Continuation of this control technique and frequent and continual monitoring of its effectiveness is suggested. Like *H. aurantiacum*, *H. caespitosum* is a prolific seed producer and spreads asexually via stolons and rhizomes. Once firmly rooted an individual is very difficult to manually remove, hence tarping may be a more effective control tactic. In the watershed, areas where constant human disturbance keeps larger woody vegetation from recolonizing and shading out the lower canopy, such as roadsides, are most at risk of *H. caespitosum* invasion.

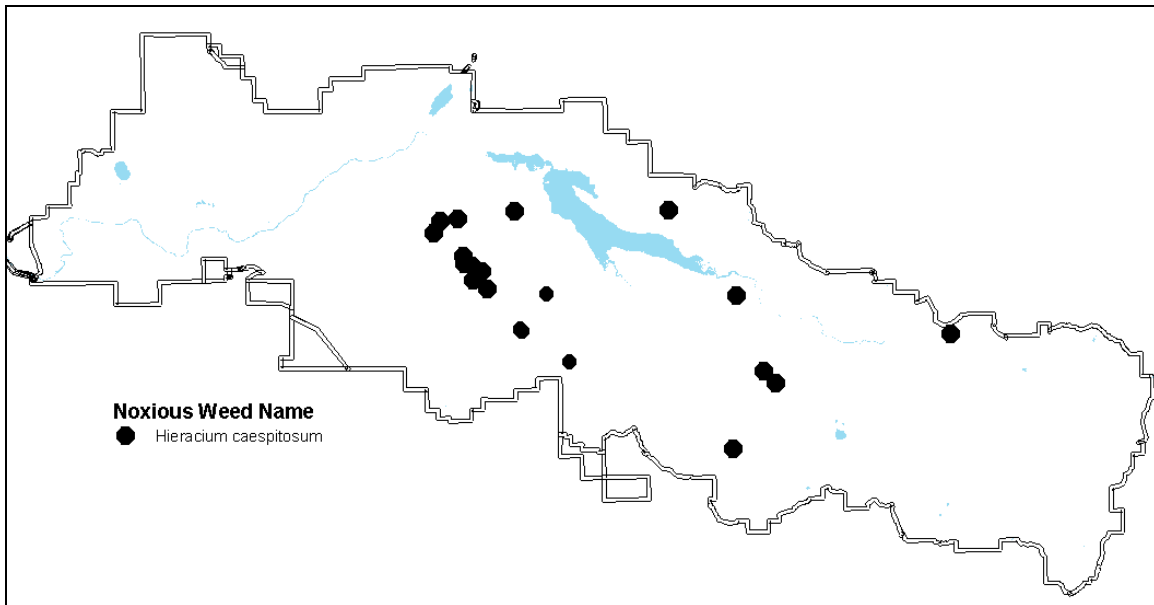


Figure 13. Distribution of mapped *H. caespitosum* populations in the Cedar River Watershed



Figure 14. Photo of *H. caespitosum* along a decommissioned road in the upper watershed.

Common hawkweed, *Hieracium lachenalii*

Common hawkweed is the most prolific noxious weed in the upper watershed. It also occurs in a few locations in the lower watershed as well (Figure 15). Common hawkweed was found in forested areas, shrub-dominated meadows, clear-cuts, along roadsides (Figure 16), and within disturbed sites. The diversity of habitat conditions and cover types in which this species was found is unsettling given its already high abundance and proficiency at reproduction. A saving grace of this species is that it does not seem to be competing directly with or replacing native vegetation where it does occur. It is largely competing with other non-native species. The most substantial infestations were located where constant human disturbance has kept larger woody vegetation from recolonizing and shading out the lower canopy, or along cleared road edges underneath a tall forest canopy. Small populations and individuals were found off of road systems in meadows and clear-cuts, but no large populations were encountered away from



roadsides or disturbed areas. Given its abundance and probable extensive occurrence in hard to reach areas (i.e. off of roads in old clear-cuts) control of the species may be difficult. Consultation with weed control experts and design of a more complex strategic control program may be necessary to deal with this noxious weed.

Figure 16. Photo of *H. lachenalii* along a road in the upper watershed.

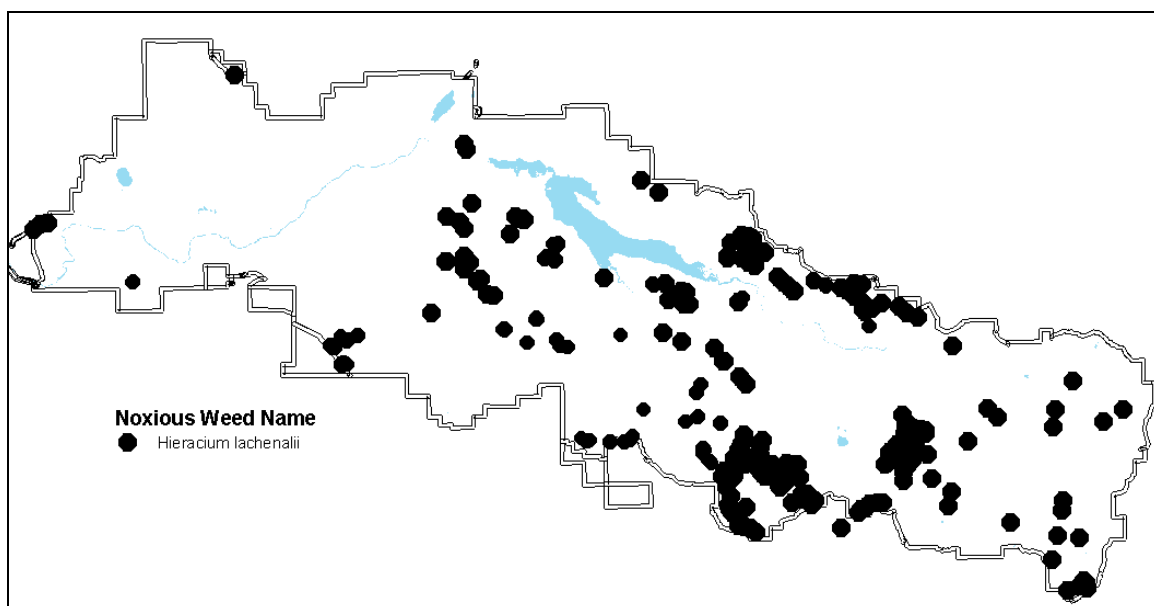


Figure 15. Distribution of mapped *H. lachenalii* populations in the Cedar River Watershed

Tansy ragwort, *Senecio jacobaea*

Tansy ragwort is prolific along the roadsides and within some disturbed areas of the lower watershed, and is one of the most common noxious weeds occurring within the watershed (Figure 17). Past control measures along main road systems seem to have been successful in reducing extremely high population numbers, but scattered small populations and individuals are very common anywhere where constant human disturbance keeps larger woody vegetation from recolonizing and shading out the lower canopy. Active cinnabar moth larvae (*Tyria jacobaeae*) were seen on many tansy ragwort individuals in the watershed in 2007 and 2008. Hopefully this biological control agent can successfully keep tansy ragwort infestations small and sporadic. Continued monitoring for large infestations worthy of mechanical and/or spray treatments is recommended.

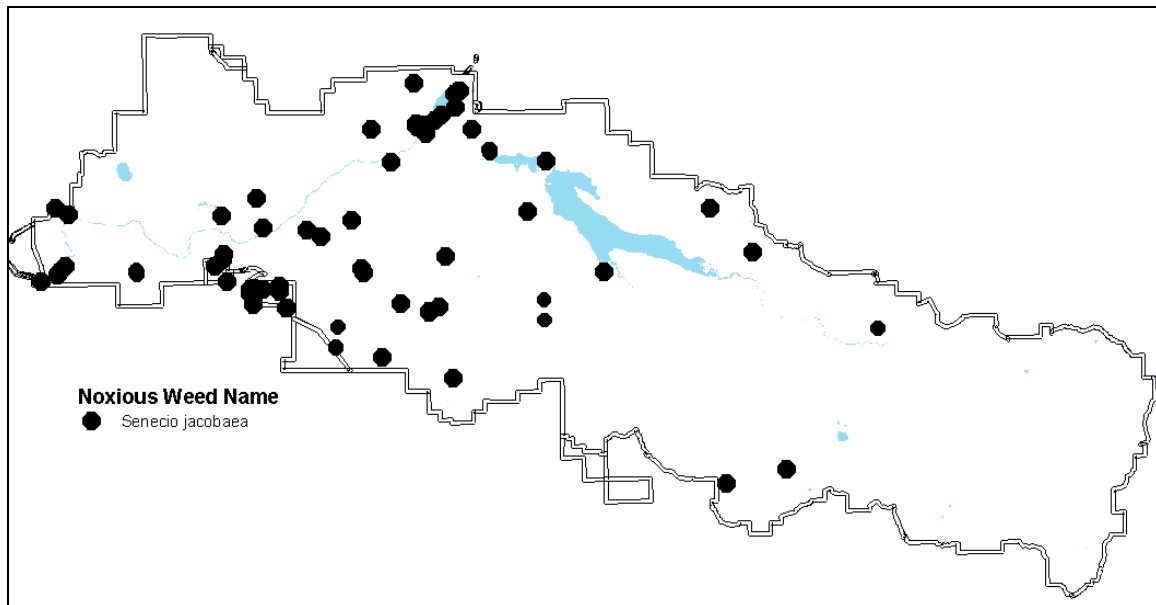


Figure 17. Distribution of mapped *S. jacobaea* populations in the Cedar River Watershed

Canada thistle, *Cirsium arvense*, and bull thistle, *Cirsium vulgare*

These two noxious thistles are very common western Washington weeds that occur anywhere where human disturbance keeps larger woody vegetation from recolonizing and shading out the lower canopy, especially along roadsides. Disturbed meadows, herbaceous wetlands, pasture, and brown fields commonly have infestations of both Canada and bull thistle. Needless to say, numerous populations of both these species were mapped in the watershed in 2007 and 2008 (Figure 18). Both Canada and bull thistle can invade undisturbed wetlands and replace native vegetation. Constant monitoring of good quality wetland habitats for invasions of these thistles in the watershed is suggested. It is important to point out that the native thistle, *C. brevistylum*, is abundant in some areas of the Cedar River Watershed, and these populations could be mistaken for bull thistle. Care should be taken not to conduct control treatments meant for *C. vulgare* on *C. brevistylum*.

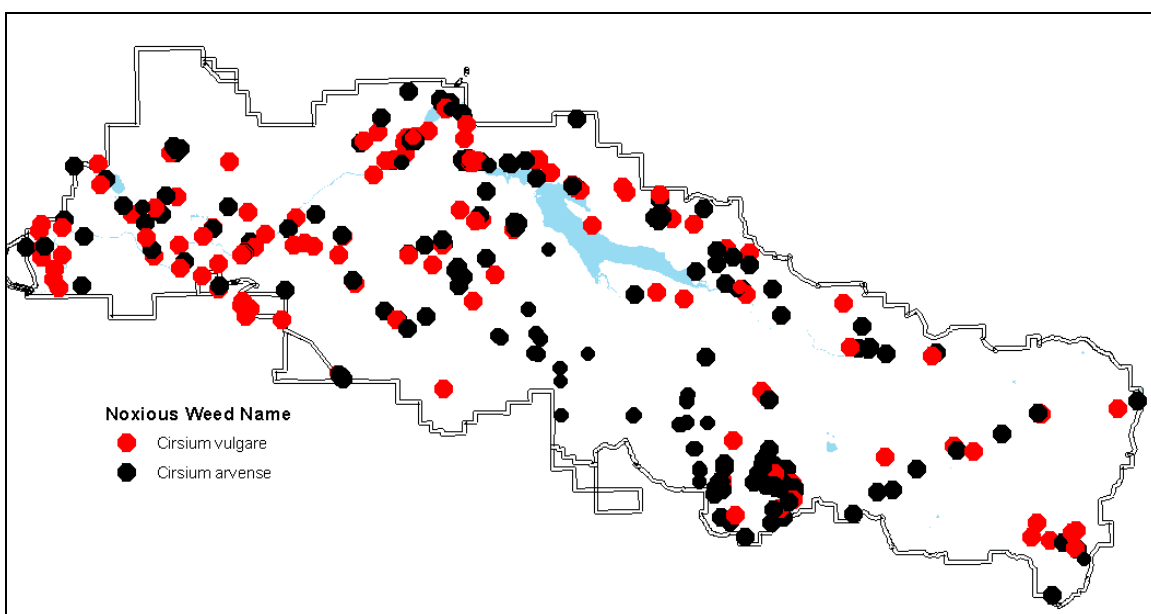


Figure 18. Distribution of mapped *Cirsium* populations in the Cedar River Watershed

Butterfly bush, *Buddleja davidii*

The known populations of butterfly bush in the Cedar River Watershed should be controlled immediately, as this species is not yet widespread and has not significantly invaded native wetlands and riparian areas to date. All populations were mapped in the lower watershed (Figure 19). Butterfly bush reproduces vegetatively and by lightweight winged seeds that disperse easily in the wind. The established populations do produce flowers and are thus potential seed sources for more invasions into other areas of the watershed. Butterfly bush can successfully outcompete native riparian vegetation and thus should not be allowed to further spread within the Cedar River Watershed. This species could become more common in relatively pristine wetlands.

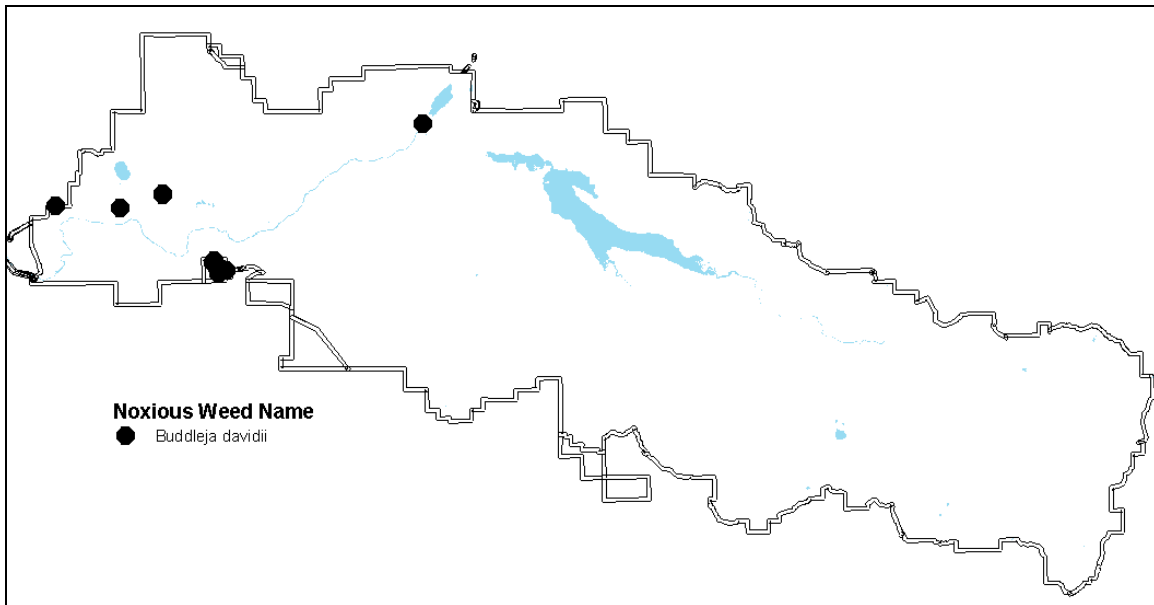


Figure 19. Distribution of mapped *B. davidii* populations in the Cedar River Watershed

Dalmatian toadflax, *Linaria dalmatica* ssp. *dalmatica*

Only one small population of Dalmatian toadflax was found on decommissioned road 150 in the upper watershed (Figures 20 and 21). This road follows the contours on a steep south facing slope in the middle of a large clear-cut area. It is possible that other populations of Dalmatian toadflax occur within this clear-cut area, as forest regeneration in this area has not yet occurred and soil disturbances by roads, logging machinery, and skid trails provide suitable exposed soil for weed colonization. It is recommended that this area be surveyed periodically, including surveying off the old road way, to see if more Dalmatian toadflax has become established. The individuals encountered during PBI's survey were pulled out by the roots.



Figure 20. Mapped location of *L. dalmatica* in the upper Cedar River Watershed.



Figure 21. Photo of *L. dalmatica* along road 150 in the upper watershed.

Yellow toadflax, *Linaria vulgaris*

Yellow toadflax is an abundant weed along the main road systems near the Cedar Falls area and in the public parking areas near Rattlesnake Lake (Figure 22). It also occurs along much of the 9 road between Landsberg and Cedar Falls. A very large infestation also exists beneath the BPA powerline along the southern boundary of the watershed, along the boundary with the Green River Watershed. Yellow toadflax was always seen growing in highly disturbed sites where the main surrounding vegetation was also exotic and noxious weeds. Areas where human disturbance keeps larger woody vegetation from recolonizing and shading out the lower canopy are susceptible to invasion by yellow toadflax. It is likely that this species is increasing its range in the watershed but control measures will be difficult because individual plants are small and blend in well with surrounding herbaceous vegetation, making them hard to see thus decreasing the efficiency of control efforts.

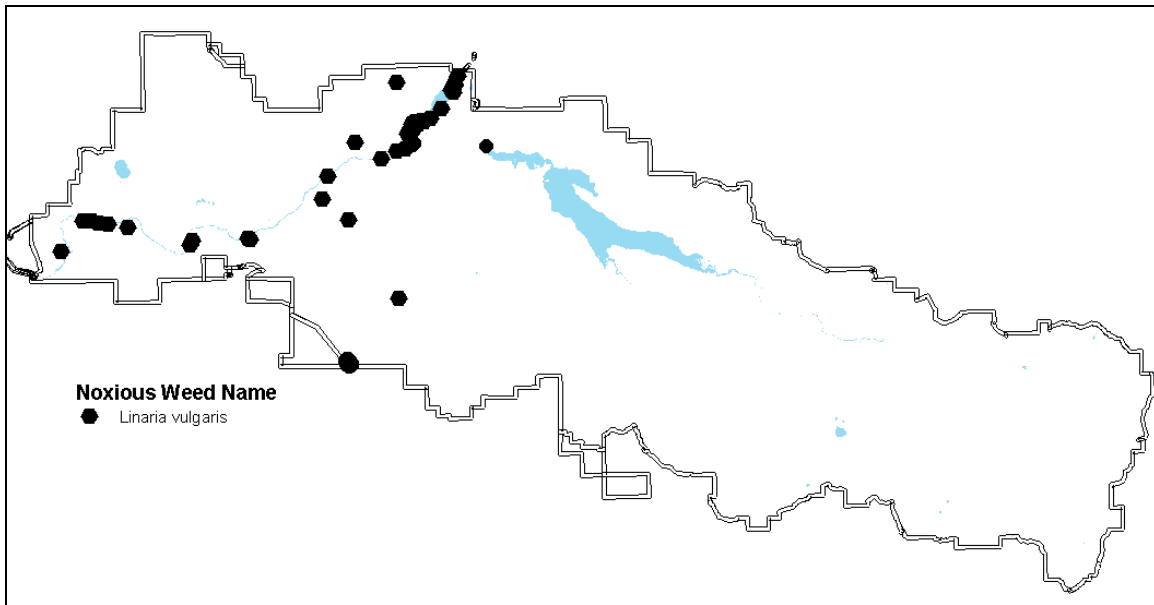


Figure 22. Distribution of mapped *L. vulgaris* populations in the Cedar River Watershed

Old man's beard, vine, *Clematis vitalba*

Old man's beard was not mapped in the watershed in 2007, however a small population of the vining noxious weed was found in 2008 in the Cedar Falls area (Figure 23). This species is known to grow well under forested canopies, and like English ivy (*Hedera helix*), it can climb and eventually kill trees. It is strongly suggested that the population in the Cedar Falls area be eradicated immediately through whatever means necessary. It is likely, given the location of this population, that this infestation was introduced via contaminated debris or equipment possibly brought in from outside the watershed.



Figure 23. Mapped location of *C. vitalba* in the Cedar Falls area.

Yellow flag iris, *Iris pseudacorus*

Only one population of yellow flag iris was found in the Cedar River Watershed, along the western boundary road where a neighborhood of developed single family residences abuts the watershed (Figure 24). Relocating and eradicating this population should be a straight forward exercise and be conducted right away.



Figure 24. Mapped location of *I. pseudacorus* along the western boundary road of the watershed.

Discussion of Noxious Weed Dynamics in the Tolt River Watershed

Canada thistle, *Cirsium arvense*, and bull thistle, *Cirsium vulgare*

Canada thistle is one of the most abundant noxious species in the Tolt River Watershed (Figure 25). Refer to the discussion on *Cirsium* dynamics in the Cedar River Watershed in the previous section for more information about these species. It is important to point out that the native thistle, *C. brevistylum*, is abundant along the roadsides of the Tolt River Watershed, and these populations could be mistaken for bull thistle. It is suggested that any control efforts focus only on Canada thistle so that *C. brevistylum* is not accidentally targeted for eradication.

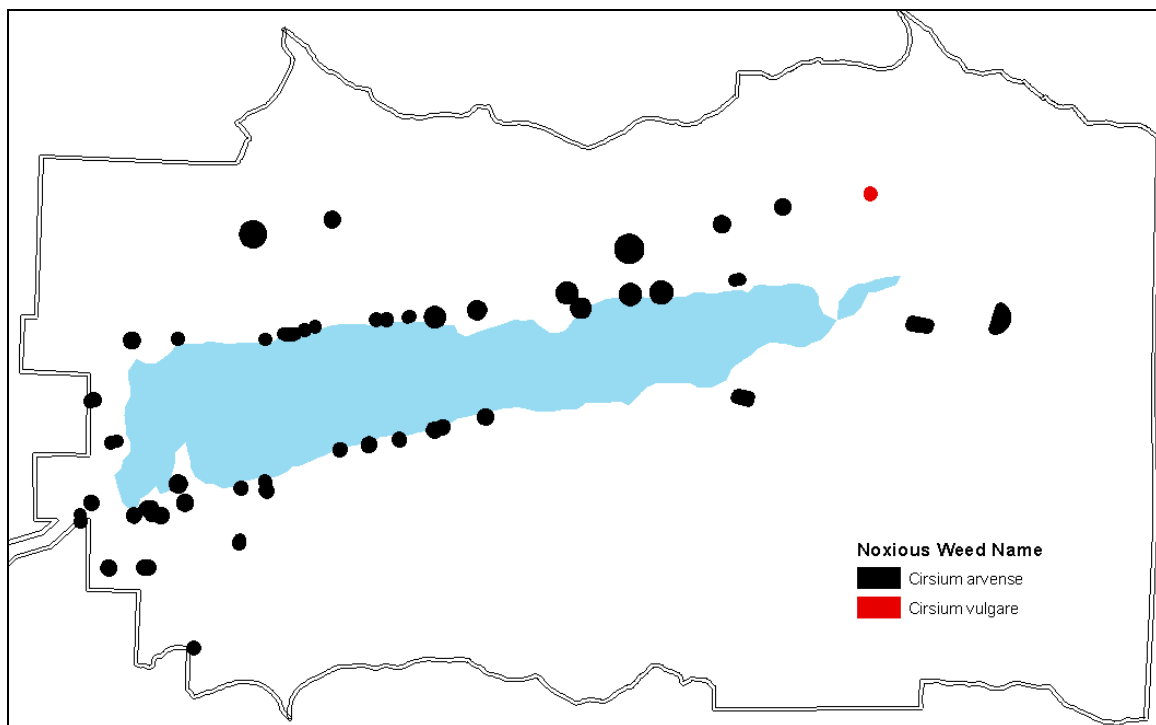


Figure 25. Distribution of mapped *Cirsium* populations in the Tolt River Watershed

Tansy ragwort, *Senecio jacobaea*

Only one small population of tansy ragwort was mapped within the Tolt River Watershed. Refer to the discussion on tansy ragwort dynamics in the Cedar River Watershed in the previous section for more information about this species. Continued monitoring for large ragwort populations within the disturbed sites around the Tolt Dam and along the reservoir roads is recommended.

Yellow hawkweed, *Hieracium caespitosum*

Yellow hawkweed infestations are profuse along some of the roads of the Tolt River Watershed (Figure 26). Refer to the discussion on yellow hawkweed dynamics in the Cedar River Watershed in the previous section for more information about this species. Spray programs in the Tolt were seen to be effective at killing back flowering populations, but many populations consist of aggregated basal rosettes without flowering individuals, and in many locations the basal rosettes were not receiving chemical sprays probably due to difficulty in seeing all of the rosettes by the person applying the herbicides. Extremely large populations of yellow hawkweed were encountered on the decommissioned roads in the 70s road system. Many of these areas are difficult to access with spraying equipment carried on foot. A more complex treatment and monitoring program may need to be developed for successful control of this massive infestation.

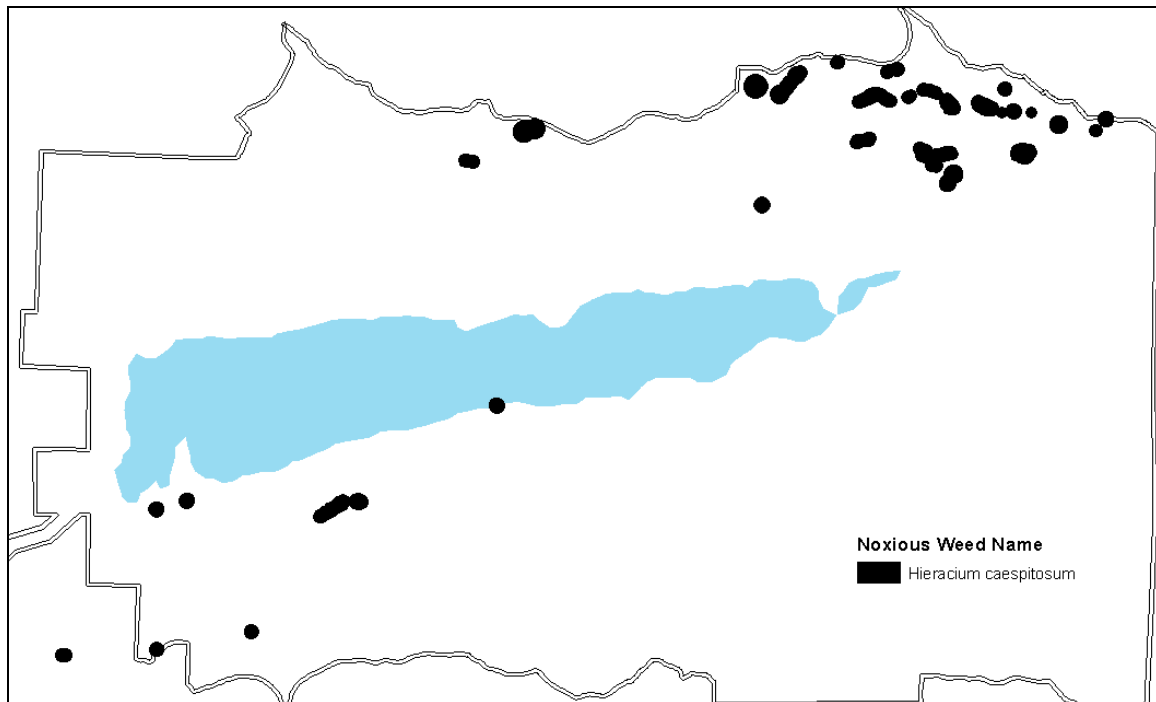


Figure 26. Distribution of mapped *H. caespitosum* populations in the Tolt River Watershed

Common hawkweed, *Hieracium lachenalii*

Only one location of common hawkweed was mapped in the Tolt River Watershed (Figure 27). Refer to the discussion on common hawkweed dynamics in the Cedar River Watershed in the previous section for more information about this species. It is curious that only one population was found in the entire Tolt River Watershed, given this species abundance in the Cedar River Watershed. Frequent monitoring for further invasions of common hawkweed along the road systems of the Tolt watershed is strongly suggested.



Figure 27. Mapped location of *H. lachenalii* along the 73 road in the Tolt Watershed.

Field bindweed, vine, *Convolvulus arvensis*

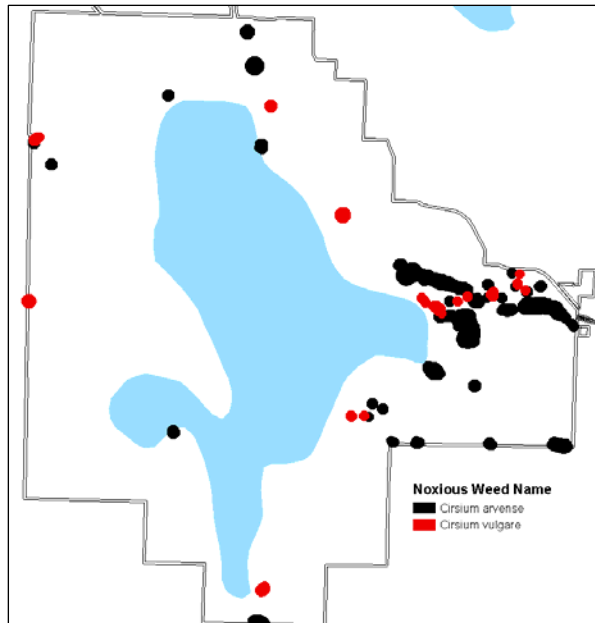
A curious population of field bindweed was found in the Tolt River Watershed along the 71 ridgeline road in the north-eastern part of the watershed (Figure 28). This population is curious because no other populations of field bindweed were found in the Cedar, Tolt, or Lake Youngs watersheds. All individuals in this population were hand pulled by the roots by the survey crew. Periodic monitoring of the 71 road for further occurrences of field bindweed may be prudent.



Figure 28. Mapped location of *C. arvensis* along the 71 road in the Tolt Watershed.

Discussion of Noxious Weed Dynamics in the Lake Youngs Reservation

Canada thistle, *Cirsium arvense*, and bull thistle, *Cirsium vulgare*



Both Canada thistle and bull thistle are common noxious weeds along roads, in disturbed areas, and within some wetlands in the Lake Youngs Reservation (Figure 29). Wetland invasion, especially by Canada thistle, is the greatest concern in terms of ecological impact by these species. The large wetland complexes near the main offices in the eastern section of the reservation have some large Canada thistle populations that merit control efforts. Scattered individuals or small populations of bull thistle and Canada thistle along the road system of the Lake Youngs Reservation were not always mapped given their frequency and abundance. Refer to the discussion on *Cirsium* dynamics in the Cedar River Watershed in the previous section for more information about these species.

Figure 29. Distribution of mapped *Cirsium* populations in the Lake Youngs Reservation

Butterfly bush, *Buddleja davidii*

Some large (~ 20 ft tall) specimens of butterfly bush exist along a wetter section of road in the far north section of the reservation (Figure 30). All other mapped populations are of individuals that are small and appear stressed, as they occur on highly compacted and poor soils around buildings and equipment storage sites. These individuals do flower and create seed, however. Immediate eradication of known butterfly bush populations is recommended. Concentrated monitoring for new invasions is also recommended. Refer to the discussion on butterfly bush dynamics in the Cedar River Watershed in the previous section for more information about these species.

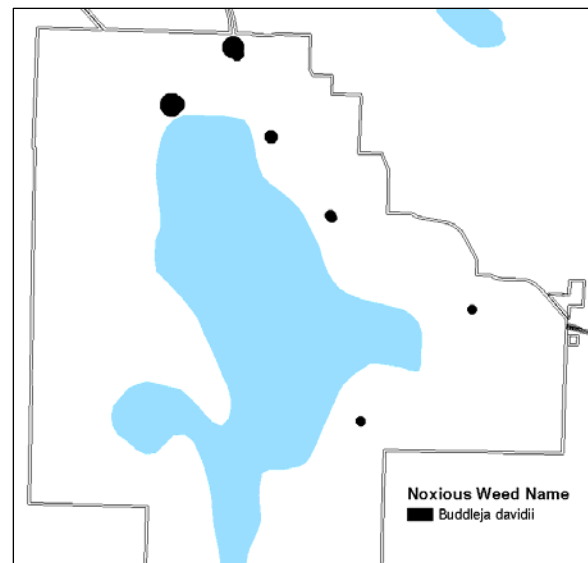


Figure 29. Distribution of mapped *B. davidii* populations in the Lake Youngs Reservation

Hedgeparsley, *Torilis arvensis*

Hedgeparsley was found in only one location in the Lake Youngs Reservation. A small forested patch near a truck loading area in the main offices area has a small population of this plant (Figure 30). Due to the ease of access and the soil conditions of the site immediate eradication of this population is recommended via hand pulling and vigilant monitoring of new individuals on the site is also recommended.



Figure 30. Mapped location of *T. arvensis* in the Lake Youngs Reservation.

Orange hawkweed, *Hieracium aurantiacum*

Orange hawkweed was found in two areas in the reservation. The first location (Figure 31a) was near the main office building in the east side of the Reservation. This population was small and not easily visible due to large grasses and other weedy herbs surrounding it. The second location (Figure 31b) was in a large field on the western shore of the reservoir. This population was quite large and could easily be a seed source for further invasion into other parts of the reservation. Immediate tarping of the population with weed cloth is strongly recommended, and further surveying of the grassy fields in this area will be necessary to make sure the population is not expanding and that tarping control is successfully limiting reproductive success.



Figures 31 a (left) & b (right). Mapped location of *H. aurantiacum* in the Lake Youngs Reservation.

Spotted knapweed, *Centaurea stoebe* (*C. biebersteinii*)



The spotted knapweed infestations in the Lake Youngs Reservation all occur near the water storage tanks on the western boundary of the reservation (Figure 32). The largest infestation which should be controlled immediately through mechanical treatment exists right between the 2 large towers where the soil surface is hardpacked gravel and little other vegetation. A small patch of spotted knapweed has become successfully established in the field of weedy grasses southeast of the larger population. This population should be hand pulled when the other population is being treated. Post treatment monitoring of this site for further infestations and occurrences is strongly recommended.

Figure 32. Mapped location of *C. stoebe* in the Lake Youngs Reservation.

Tansy ragwort, *Senecio jacobaea*

Tansy ragwort occurs throughout the road system and within all disturbed sites in the Lake Youngs Reservation (Figure 33). No very large populations exist where many individuals are gathered in close proximity to each other, but scattered small patches and individuals occur with high frequency throughout the area. We mapped some of the more significant infestations we came across in the reservation (Figure 33). Small isolated patches and scattered individuals were not mapped due to their very frequent occurrence. Designing control activities targeted at the largest patches is recommended, and frequent monitoring for large population occurrences is suggested.

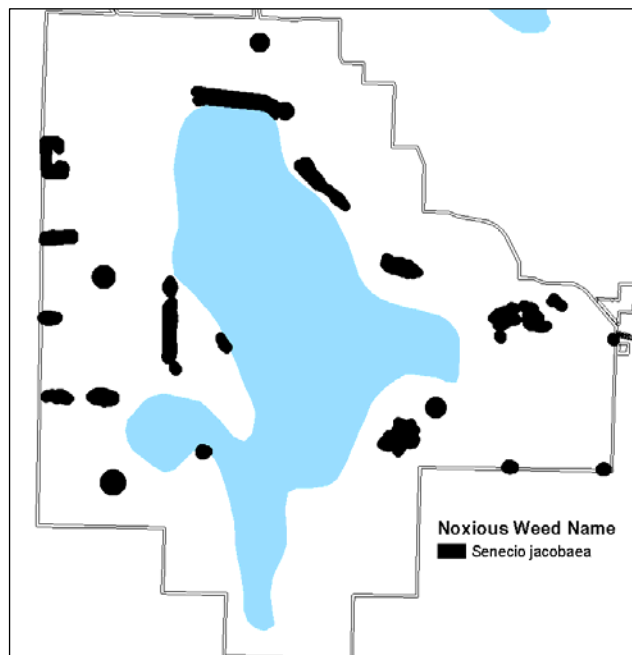


Figure 33. Distribution of mapped *S. jacobaea* populations in the Lake Youngs Reservation.

General discussion of weed invasion dynamics in all watersheds

Non-native species usually dominate the roadsides and other disturbed sites in all three watersheds. In most cases, the roadsides have been subjected to successive waves of invasion by non-native species. Most of these species have not been listed as noxious weed species and are not currently listed as noxious. Nevertheless, they represent a substantial and continuing force of non-native species invasion that follows human disturbances to native ecosystems. The abundance and diversity of non-native plant species along roadsides and disturbed sites is illustrated by the plant list in Table 9. This list was compiled in early July 2007 at a crossroads area in the Cedar River watershed just below Chester-Morse Lake with a long history of disturbance. Of the 70 species we recorded at this site three were Class B noxious weeds and two were Class C noxious weeds. However there were 41 non-native species compared to 29 native species. Besides 59% of the species diversity at the site being comprised of non-native species, the non-native species also covered more than two-thirds of the vegetated surface area of the site.

Taking the above scenario into account, the pattern we began to recognize within all three watersheds was that noxious weeds are invading sites that are already predominately covered by non-native species. From an ecological point of view, most of the non-native species that are not listed as noxious are just as invasive as the listed noxious species. All of these weeds, whether they are regarded as noxious or not, are capitalizing on impacts of human caused disturbances that remove native vegetation and affect soil characteristics and hydrology. As long as activities such as road development and maintenance and facilities development and maintenance continue in the watersheds there will continue to be successive invasions of new non-native species along these disturbed sites.

It is important to recognize that as long as the non-native species do not invade undisturbed native ecosystems then their ecological impact is contained to disturbed sites, so the overall ecological impact on the city watersheds will be minor. However, species that move off the roadsides and disturbed sites are of much greater concern. We suggest more survey, control and monitoring effort should be expended on any exotic species, noxious or not, observed to be invading non-developed/disturbed sites in the watersheds.

Table 9. List of plant species found in a crossroads area below Chester Morris Lake in the Cedar River watershed. (L48 = introduce in Lower 48 states, W = introduced in Washington State)

Scientific Name with Author	National Common Name	State Weed Status	Native Status
<i>Agrostis gigantea</i> Roth	redtop		L48 (I)
<i>Agrostis</i> L.	bentgrass		Native
<i>Agrostis stolonifera</i> L.	creeping bentgrass		L48 (I)
<i>Aira caryophyllea</i> L.	silver hairgrass		L48 (I)
<i>Alnus rubra</i> Bong.	red alder		Native
<i>Anaphalis margaritacea</i> (L.) Benth.	western pearly		Native

Scientific Name with Author	National Common Name	State Weed Status	Native Status
	everlasting		
Anthoxanthum odoratum L.	sweet vernalgrass		L48 (I)
Aruncus dioicus (Walter) Fernald	bride's feathers		Native
Calystegia atriplicifolia Hallier f. ssp. atriplicifolia	nightblooming false bindweed		Native
Carex stipata Muhl. ex Willd.	awlfruit sedge		Native
Centaureum erythraea Rafn	European centaury		L48 (I)
Cerastium fontanum Baumg.	common mouse-ear chickweed		L48 (I)
Centaurea L.	knapweed		Native
Chamerion angustifolium (L.) Holub ssp. angustifolium	fireweed		Native
Cirsium vulgare (Savi) Ten.	bull thistle	C	L48 (I)
Crepis capillaris (L.) Wallr.	smooth hawksbeard		L48 (I)
Cytisus scoparius (L.) Link	Scotch broom	B	L48 (I)
Dianthus armeria L.	Deptford pink		L48 (I)
Digitalis purpurea L.	purple foxglove		L48 (I)
Elymus glaucus Buckley	blue wildrye		Native
Epilobium ciliatum Raf.	fringed willowherb		Native
Equisetum arvense L.	field horsetail		Native
Euphrasia nemorosa (Pers.) Wallr.	common eyebright		Native
Festuca rubra L.	red fescue		Native
Fragaria vesca L.	woodland strawberry		Native
Geum macrophyllum Willd.	largeleaf avens		Native
Hieracium albiflorum Hook.	white hawkweed		Native
Holodiscus discolor (Pursh) Maxim.	oceanspray		Native
Holcus lanatus L.	common velvetgrass		L48 (I)
Hypericum perforatum L.	common St. Johnswort	C	L48 (I)
Juncus bufonius L.	toad rush		Native
Juncus effusus L.	common rush		Native
Juncus tenuis Willd.	poverty rush		Native
Lapsana communis L.	common nipplewort		L48 (I)
Leontodon autumnalis L.	fall dandelion		L48 (I)
Leucanthemum vulgare Lam.	oxeye daisy	B	L48 (I)
Logfia minima (Sm.) Dumort.	little cottonrose		L48 (I)
Lotus pedunculatus Cav.	big trefoil		L48 (I)
Medicago lupulina L.	black medick		L48 (I)
Lactuca muralis (L.) Fresen.			L48 (I)
Nothochelone nemorosa (Douglas ex Lindl.) Straw	woodland beardtongue		Native
Parentucellia viscosa (L.) Caruel	yellow glandweed		L48 (I)
Plantago lanceolata L.	narrowleaf plantain		L48 (I)
Plantago major L.	common plantain		L48 (I)
Poa annua L.	annual bluegrass		L48 (I)
Populus balsamifera L. ssp. trichocarpa (Torr. & A. Gray ex Hook.) Brayshaw	black cottonwood		Native

Scientific Name with Author	National Common Name	State Weed Status	Native Status
<i>Poa pratensis</i> L.	Kentucky bluegrass		W (I)
<i>Prunella vulgaris</i> L. ssp. <i>lanceolata</i> (W. Bartram) Hultén	lance selfheal		Native
<i>Ranunculus repens</i> L.	creeping buttercup		L48 (I)
<i>Rumex acetosa</i> L.	garden sorrel		W (I)
<i>Rubus laciniatus</i> Willd.	cutleaf blackberry		L48 (I)
<i>Rubus leucodermis</i> Douglas ex Torr. & A. Gray	whitebark raspberry		Native
<i>Rubus parviflorus</i> Nutt.	thimbleberry		Native
<i>Rubus ursinus</i> Cham. & Schltldl.	California blackberry		Native
<i>Senecio jacobaea</i> L.	stinking willie	B	L48 (I)
<i>Senecio sylvaticus</i> L.	woodland ragwort		L48 (I)
<i>Sonchus asper</i> (L.) Hill	spiny sowthistle		L48 (I)
<i>Sorbus aucuparia</i> L.	European mountain ash		L48 (I)
<i>Trifolium arvense</i> L.	rabbitfoot clover		L48 (I)
<i>Trifolium campestre</i> Schreb.	field clover		L48 (I)
<i>Trifolium dubium</i> Sibth.	suckling clover		L48 (I)
<i>Trifolium hybridum</i> L.	alsike clover		L48 (I)
<i>Trifolium pratense</i> L.	red clover		L48 (I)
<i>Trifolium repens</i> L.	white clover		L48 (I)
<i>Vaccinium parvifolium</i> Sm.	red huckleberry		Native
<i>Veronica americana</i> Schwein. ex Benth.	American speedwell		Native
<i>Veronica officinalis</i> L.	common gypsyweed		L48 (I)
<i>Veronica peregrina</i> L. ssp. <i>xalapensis</i> (Kunth) Pennell	hairy purslane speedwell		Native
<i>Verbascum thapsus</i> L.	common mullein		L48 (I)
<i>Vulpia myuros</i> (L.) C.C. Gmel.	rat-tail fescue		L48 (I)

Recommendations for Further Work Concerning Noxious Weeds

Continued monitoring of noxious weed populations is an integral part of a successful weed control strategy. We recommend that the weed populations that we have identified in this study be treated with control measures and then monitored over the next five years to determine if the control measures have been successful.

Expanding the weed surveys to other parts of the watersheds that have not been surveyed is also recommended. We predict that similar weed infestations will be found along other roads and disturbed areas, so mapping these populations will be useful to control efforts. It would also be a good idea to survey some of the old clear-cut areas for weed populations, especially those that have been slow to regenerate and form a closed canopy coniferous forest.

The undisturbed parts of the wetlands in the watersheds were not found to have any significant noxious weed infestations. These areas are covered almost entirely with native vegetation and appear to be quite resistant to invasion by the target noxious weed species. These wetlands are very dense and difficult to travel through. Therefore it may be wise to only survey these areas once every decade to determine if the situation has changed. The disturbed parts of the watershed should be a higher priority for weed survey efforts.

Likewise, the coniferous forests of the city watersheds are an unlikely site for noxious weed invasion. These forests contain few non-native plants and appear quite resistant to invasion. One notable exception is that English holly (*Ilex aquifolium*) is invading some of the lowland forest in the Cedar River watershed. This species is shade tolerant and can be quite invasive in the understory of westside Washington coniferous forests and can become one of the dominant understory species, like it is in some parts of the Puget Sound lowlands. It can aggressively compete with native understory species and change the environment of the forest to support new plant and animal species (Olmstead in Boersma 2006). Conditions in the City of Seattle watersheds are ideal for the growth and survival of English holly and we expect that species will dramatically expand its population within the next few decades in the lowland forests.

Although holly is not currently listed as noxious in Washington (it is in California), we recommend that English holly be surveyed, controlled and monitored within the watersheds to stop its spread while it is still a very minor component of the forest understory. Failure to survey, control and monitor the holly populations will result in holly becoming one of the dominant plants in the watershed forests. Since it grows to become a small tree, it will alter both the composition and the structure of the forests.

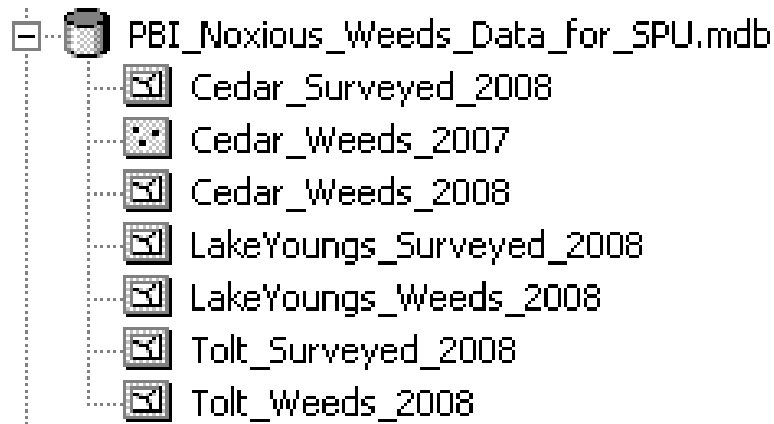
We also recommend that Seattle Public Utilities consider establishing a baseline monitoring program consisting of easily established roadside plots where all native and non-native species are recorded. The focus of these plots can be on noxious weed species, with additional information on other plant species as well. These can be established at fixed distances along roadsides and can be used to determine both spatial distribution of native and non-native species and temporal changes through time. Templates for this type of monitoring program were established in the Chewuch River watershed by Pacific Biodiversity Institute (Pacific Biodiversity Institute, 2003) and in the Sonoran Desert National Monument (Morrison et al. 2003). Establishing this type of monitoring program will enable Seattle Public Utilities to better understand weed population dynamics in the watersheds and to develop an effective, state-of-the-art, science-based weed management strategy.

Information about GIS Data Deliverables

Projection of all datasets: NAD 1983
StatePlane Washington North
FIPS 4601
Feet

Datasets Delivered:

1 Geodatabase with the following feature classes:



Refer to metadata embedded in PBI_Noxious_Weeds_Data_for_SPU.mdb for further information about GIS Data Deliverables.

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Appendix A - 2007 Report

2007 Report to Seattle Public Utilities on Noxious Weed Mapping in the Cedar River Watershed



2007

Pacific Biodiversity Institute

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Overview

This report details work completed in 2007 by Pacific Biodiversity Institute (PBI) for Seattle Public Utilities (SPU) under service contract R00-34-21-01, which includes the Cedar River Watershed, the Tolt River Watershed, and the Lake Youngs Reservoir. The contract is binding for approximately two years of service to be completed in 2007 and 2008. Further work will be completed in preparation for, during, and after the 2008 field season culminating in a final report due October 15, 2008. All information in this report pertains to work completed in 2007 within the Cedar River Watershed.

The following elements of the 2007 work are covered in this report:

- Timeline of Surveys and Portion of Work Completed in 2007
- Discussion of Survey Conditions and Changes in Work Scope Due to Ground Conditions
- Exotic Plants Encountered in Cedar River Watershed (Maps and Figures)
- Specimens Collected During 2007 Surveys
- Decommissioned Road Surveys (Maps and Tables)
- Project Summary

We were contracted to survey for the 55 alien plant species (Table 1). Figure 1 provides an overview of the areas of the Cedar River we were to conduct surveys.

Table 1. List of the 55 noxious weed species surveyed for in the Cedar River Watershed. (Yellow highlighted items indicate species observed and mapped in the watershed in 2007).

Class A - Eradication Required - 9 species		Class B - Control Required - 33 species (Continued)	
garlic mustard	<i>Alliaria petiolata</i>	musk thistle	<i>Carduus nutans</i>
goatsrue	<i>Galega officinalis</i>	yellow starthistle	<i>Centaurea solstitialis</i>
lawnweed	<i>Soliva sessilis</i>	rush skeletonweed	<i>Chondrilla juncea</i>
Italian thistle	<i>Carduus pycnocephalus</i>	yellow nutsedge	<i>Cyperus esculentus</i>
giant hogweed	<i>Heracleum mantegazzianum</i>	blueweed, viper's bugloss	<i>Echium vulgare</i>
yellow devil hawkweed	<i>Hieracium floribundum</i>	leafy spurge	<i>Euphorbia esula</i>
floating primrose-willow	<i>Ludwigia peploides</i>	polar hawkweed	<i>Hieracium atratum</i>
milk thistle	<i>Silybum marianum</i>	queen-devil hawkweed	<i>Hieracium glomeratum</i>
Spanish broom	<i>Spartium junceum</i>	smooth hawkweed	<i>Hieracium laevigatum</i>
Class B - Control Required - 33 species		mouseear hawkweed	<i>Hieracium pilosella</i>
spotted knapweed	<i>Centaurea stoebe</i> (C. biebersteinii)	kochia	<i>Kochia scoparia</i>
orange hawkweed	<i>Hieracium aurantiacum</i>	perennial pepperweed	<i>Lepidium latifolium</i>
yellow hawkweed	<i>Hieracium caespitosum</i>	Scotch thistle	<i>Onopordum acanthium</i>
tansy ragwort	<i>Senecio jacobaea</i>	Gorse	<i>Ulex europaeus</i>
meadow knapweed	<i>Centaurea</i> × <i>moncktonii</i> (C. jacea × <i>nigra</i>)	Class C - Control Required - 2 species	
diffuse knapweed	<i>Centaurea diffusa</i>	non-native hawkweeds	<i>Hieracium</i> spp
brown knapweed	<i>Centaurea jacea</i>	hairy willowherb	<i>Epilobium hirsutum</i>
black knapweed	<i>Centaurea nigra</i>	Selected Non-designated Species - Control Recommended 11 species	
policeman's helmet	<i>Impatiens glandulifera</i>	Canada thistle	<i>Cirsium arvense</i>
Dalmatian toadflax	<i>Linaria dalmatica</i> ssp. <i>dalmatica</i>	butterfly bush	<i>Buddleja davidii</i>
garden loosestrife	<i>Lysimachia vulgaris</i>	yellow toadflax	<i>Linaria vulgaris</i>
purple loosestrife	<i>Lythrum salicaria</i>	bull thistle	<i>Cirsium vulgare</i>
sulfur cinquefoil	<i>Potentilla recta</i>	common fennel	<i>Foeniculum vulgare</i> (excepting var. <i>azoricum</i> .)
Perennial sowthistle	<i>Sonchus arvensis</i>	field bindweed, vine	<i>Convolvulus arvensis</i>
Hedgeparsley	<i>Torilis arvensis</i>	old man's beard, vine	<i>Clematis vitalba</i>
blackgrass	<i>Alopecurus myosuroides</i>	poison-hemlock	<i>Conium maculatum</i>
annual bugloss	<i>Anchusa arvensis</i>	spurge laurel	<i>Daphne laureola</i>
common bugloss	<i>Anchusa officinalis</i>	yellow archangel	<i>Lamium galeobdolon</i>
wild chervil	<i>Anthriscus sylvestris</i>	yellow flag iris	<i>Iris pseudacorus</i>

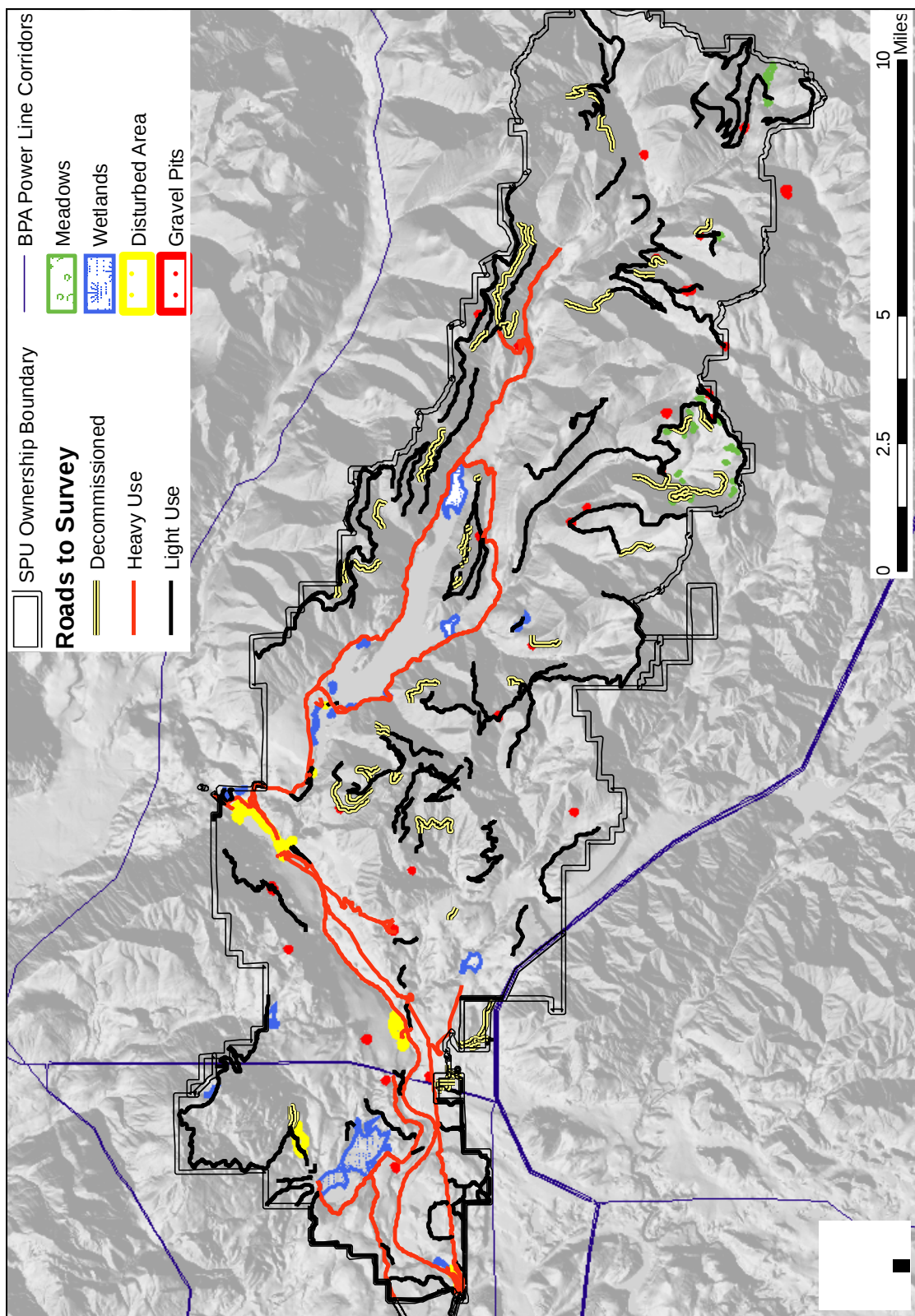


Figure 1. Map of all elements designated for noxious weed surveys in the Cedar River Watershed.

Timeline of Surveys and Portion of Work Completed in 2007

Timeline of Activities

May – June:

- Communications on project logistics between SPU staff and PBI project managers
- Housing for field staff located and secured
- Initial project maps created and printed (ArcPad projects set up)
- Research and literature review on 55 target noxious weeds conducted – field identification sheet produced

July:

- Fieldwork conducted as follows:

George Wooten - 12, 13, 14, 15
Hans Smith - 6, 9, 23, 24, 25, 26, 27, 30, 31
Peter Morrison - 12, 13, 14, 15, 16, 30, 31
Stewart Wechsler - 6, 10, 11, 12, 13, 16, 23, 24, 25, 26, 27, 30, 31
- Plant Specimens Collected
- Communications on project logistics and weekly updates provided between SPU staff and PBI project managers
- Additional research and literature review conducted on *Hieracium* species
- Project management activities

August:

- Fieldwork conducted as follows:

George Wooten - 9, 10, 11, 12, 17, 18, 19, 20
Hans Smith – 1, 2
Stewart Wechsler - 1, 2, 10, 11, 12, 13, 17, 18, 20, 21, 22, 24
Lin Kyan – 9, 10, 11, 12, 13, 15, 16, 17
- Plant Specimens Collected
- Communications on project logistics and weekly updates provided between SPU staff and PBI project managers
- Additional research and literature review conducted on *Hieracium* species – specimens sent to Linda Wilson (University of Idaho)
- Project management activities

September

- Fieldwork conducted as follows:

Hans Smith – 5, 6

Peter Morrison - 12, 13, 14

Juliet Rhodes – 12, 13, 14

- Plant Specimens Collected
- Communications on project logistics and weekly updates provided between SPU staff and PBI project managers
- Field house vacated and field work operations shut down
- Project management activities

November

- Plant specimens sorted and categorized into database. Location and site specific information recorded into database. Herbarium labels created
- Project management activities

December

- Plant specimens sorted and categorized into database. Location and site specific information recorded into database. Herbarium labels created
- Communications on project logistics and weekly updates provided between SPU staff and PBI project managers
- Selected plant specimens sent to UW Herbarium
- 2007 Project Report written and submitted to SPU
- Project management activities

Portion of Work Completed in 2007

A goal of completing approximately 60% of the actual total survey area (including the Tolt Watershed and Lake Youngs regions) during 2007 was agreed upon between PBI and SPU prior to commencing field work. Although it is difficult to accurately measure the actual proportion of area we surveyed in 2007, it is apparent via maps depicting our survey progress that this goal was likely achieved. The following maps and tables provide documentation of our actual survey progress throughout the 2007 field season.

Roads

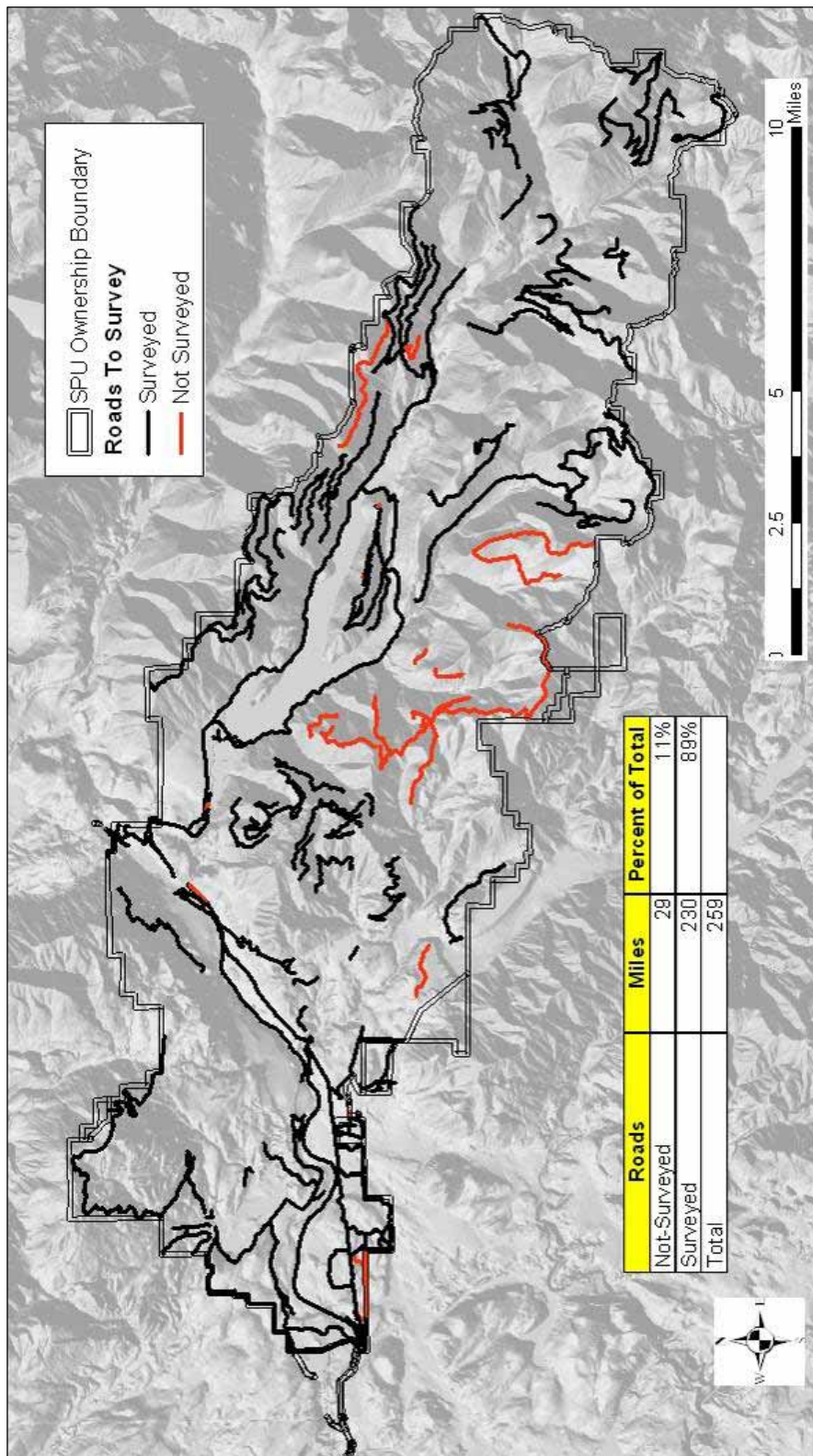


Figure 2. Map of the roads surveyed and not surveyed in 2007.

Developed Areas (Town Sites, Gravel Pits, and Other Sites)

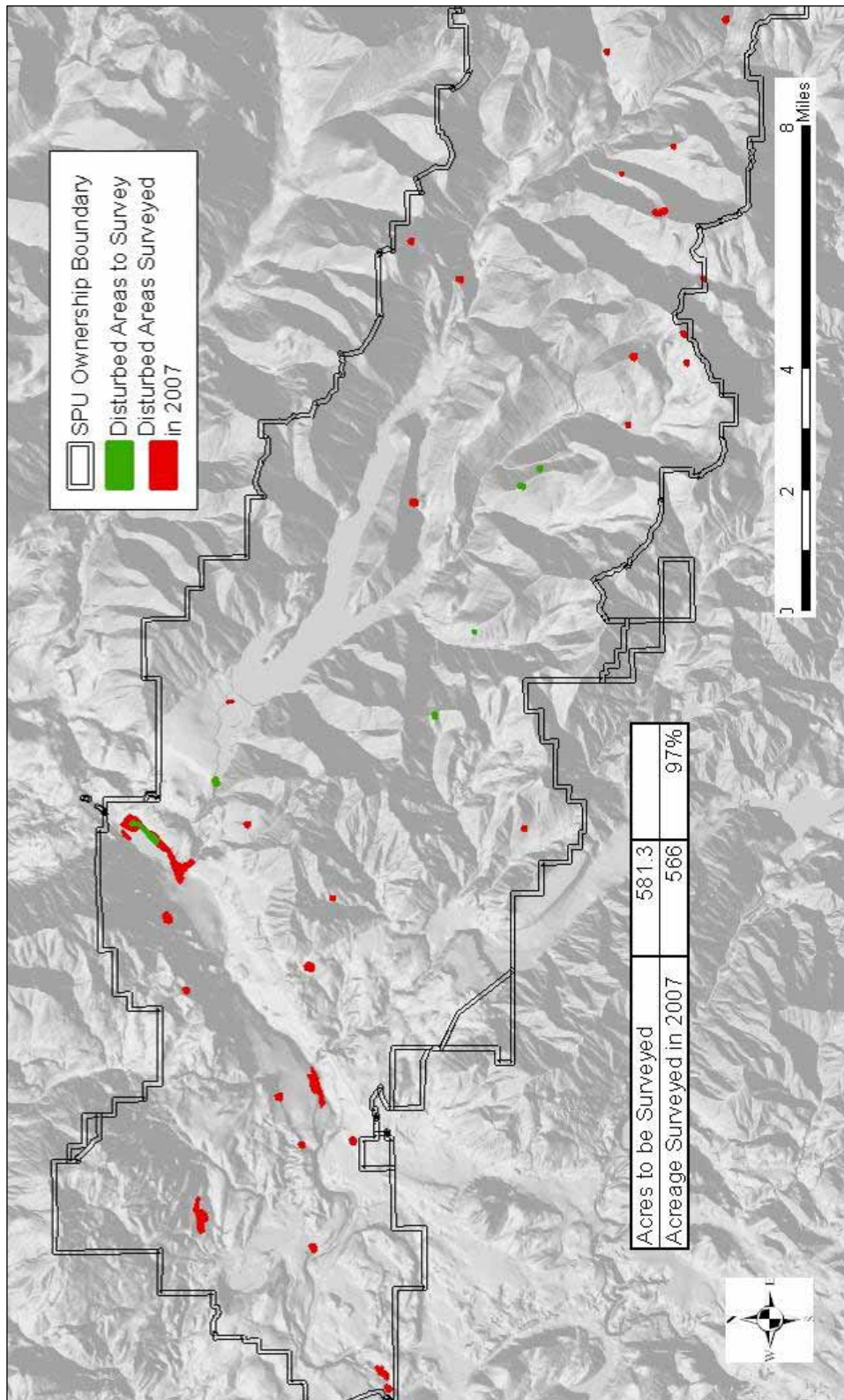


Figure 3. Map of the disturbed and developed areas surveyed and not surveyed in 2007.

Meadows

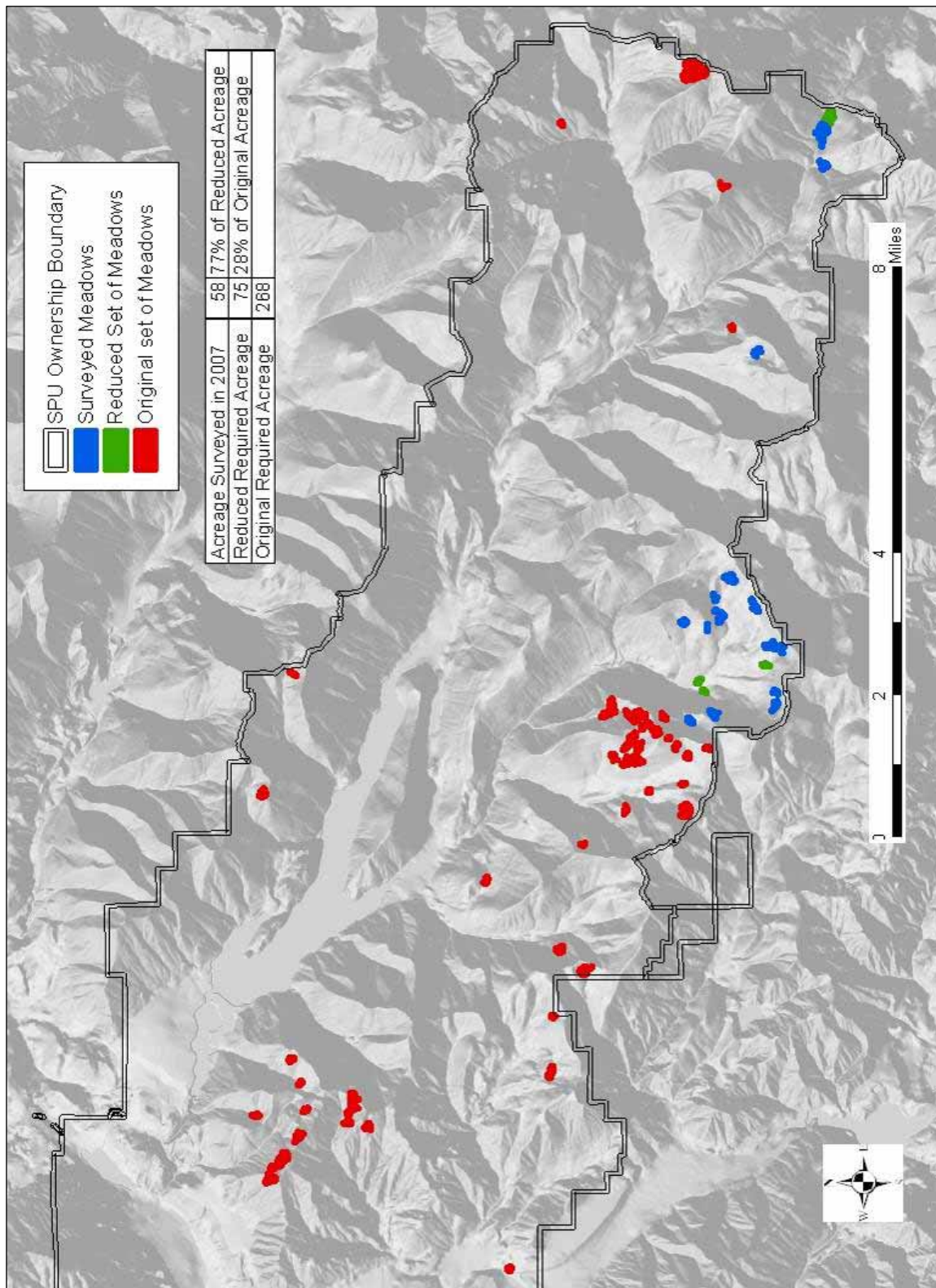


Figure 4. Map of montane meadows surveyed and not surveyed in 2007.

Powerline Corridors

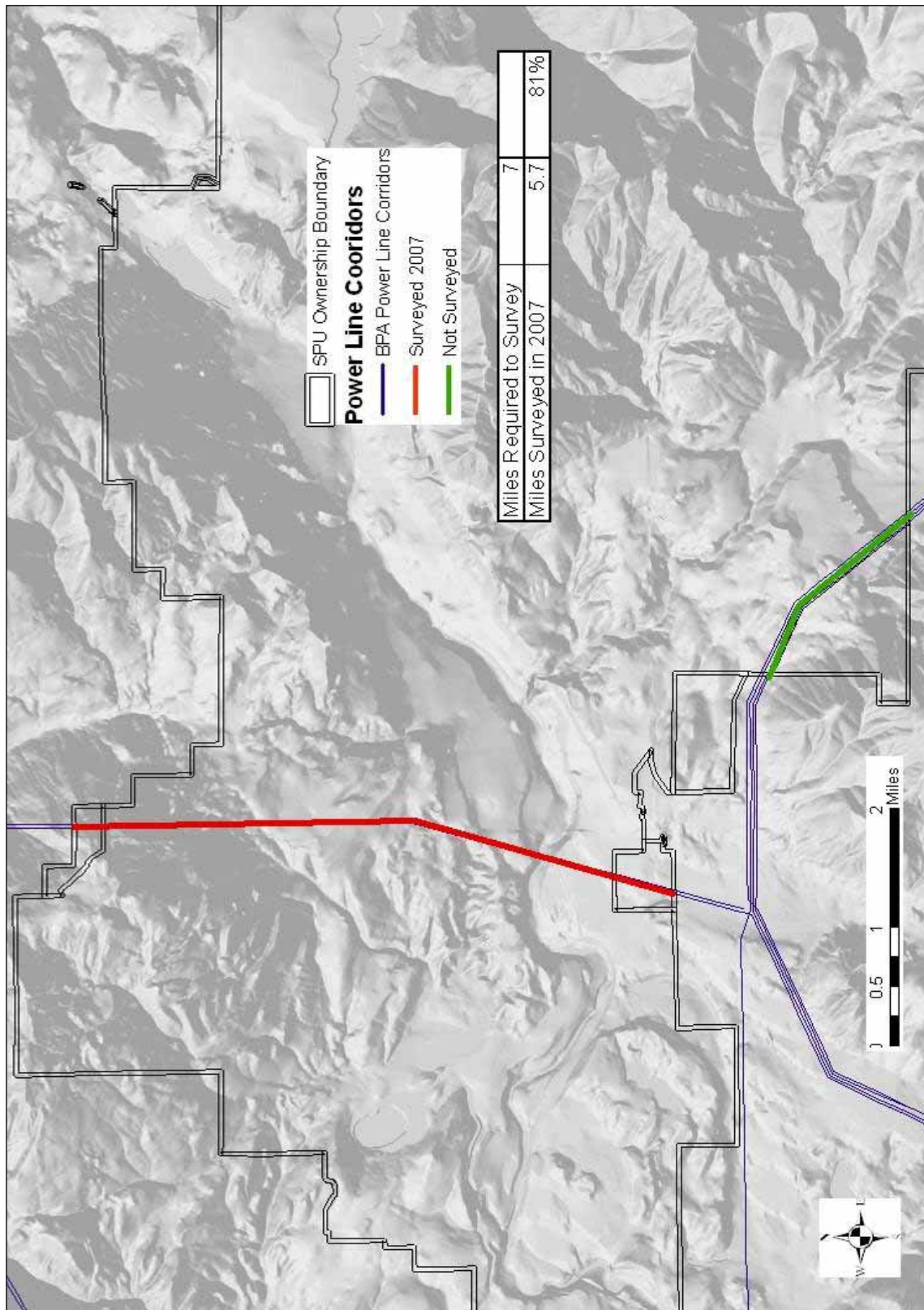


Figure 5. Map of powerline corridors surveyed and not surveyed in 2007.

Wetlands

Most wetlands designated for survey in the Cedar River Watershed were not fully accessed in 2007 due to unusually high water levels in late summer. The wetlands near the Landsburg Diversion Dam, Walsh Lake, Halmar Gates, Brew Hill, Rex Delta, Christmas Lake and a few other high elevation places were visited in 2007, but a majority of the designated survey areas were too difficult to move through for efficient surveys. We plan to visit many of the wetland sites during 2008, but most of our wetlands surveys in 2007 did not turn up any significant unknown infestations of target noxious weeds.

Discussion of Survey Conditions and Changes in Work Scope Due to Ground Conditions

Prior to commencement of 2007 field surveys, attempting to predict the potential efficiency and speed of surveys was a topic of much discussion between PBI and SPU staff. Much thought was given to the merits of attempting road surveys by vehicle, or bicycle, or by walking. Access to wetlands based on the amount of water present was another element requiring consideration. The adequacy of GIS data provided to PBI by SPU was an issue regarding the meadows slated for survey. This section briefly describes how adaptations and changes in the scope of work came about due to field conditions.

Road Surveys

Road surveys consisted of searching for and mapping target species along selected heavy and light use roads, and conducting full species inventories and mapping populations of target species along selected decommissioned roads.

For the heavy use roads we did driving surveys in order to ensure the safety of the individual surveyor from other vehicles, and when possible, we had two people to a car, one driving and one surveying, in order to stay safe.

For light use roads we used a combination of driving, biking, and walking surveys based upon the road conditions encountered. Road steepness and road location in relation to other survey features dictated whether a vehicle survey was used. If the road appeared too steep to efficiently bike (and still drivable) and lay strategically along a route to more features that would be accessed by a vehicle then in some cases a driving survey was conducted. In most cases biking surveys were conducted on light use roads, unless slope steepness was too great or road bed conditions were too rough. Some roads mapped as light use were actually abandoned or decommissioned roads that were not conducive to biking. These road sections were walked if possible. A few sections of road in the light use and decommissioned categories were in too poor condition and overgrown with intimidating weeds like Armenian blackberry to even walk safely. Such conditions account for a small percentage of the road mileage that was not surveyed

in 2007. One road was overgrown to the extent that we decided to treat it as a decommissioned road.

Wetlands

Because of ample summer rains the late season water levels of most wetlands slated for survey did not drop low enough to be conducive to meaningful surveys. Most target species are not fully aquatic plants and would require the water levels in wetlands to recede due to the dryness of mid to late summer to express themselves. Also, many of the wetlands contain a thick cover of tall shrubs that make moving about very difficult. Coupled with deep standing water, the conditions encountered in 2007 would have made for inefficient and unproductive surveys. Through discussion with SPU staff it was decided that it would be wiser to put off most wetland surveys in the Cedar River Watershed until 2008. We did some limited surveying and peripheral scoping of wetlands in 2007, but a majority of the wetlands are still as of yet not surveyed.

Meadows

During our earliest surveys of the features mapped as meadows in the SPU GIS data we began to realize that some of the features were in fact shrub fields and/or scree/talus fields. Some features were related to past logging. In some cases what would be thought of as meadows (an area dominated by naturally occurring native herbaceous and graminoid vegetation) was not what existed at the designated survey site. Additionally, many of the sites were too steep to safely survey, or had such thick shrub and small tree cover that penetration of the patch was all but impossible.

The issues with the meadows GIS data was brought to the attention of SPU staff, and it was decided that the amount of meadows slated for survey would be reduced to a new selected set in the southeast section of the watershed. While we were able to survey 77% of this new selected set, the remaining unsurveyed portions were neglected due to being too far from an easy access point and/or fading daylight prohibiting us from finishing an inventory.

Exotic Plants Encountered in Cedar River Watershed (Maps and Figures)

11 of the 55 target noxious weeds were encountered and mapped in the Cedar River Watershed in 2007. Over 730 locations of the various species were mapped. *Hieracium laevigatum*, a class B noxious weed, made up one third of our mapped sightings, with *Cirsium arvense* and *C. vulgare* each making up another 20% of our mapped sightings. A few previously unmapped populations of *Polygonum cuspidatum* and *Senecio jacobaea* were also tracked along with the other species. Table 2 and Figures 6 and 7 provide more information about the target noxious weeds mapped in the Cedar River Watershed in 2007.



Figures 6a, 6b, and 6c. Target noxious weeds encountered in 2007. Top left: *Hieracium lachenalii*, Bottom left: *Linaria dalmatica*, Right: *Hieracium aurantiacum*.

Table 2. Target noxious weeds encountered and mapped in the Cedar River Watershed in 2007.

Code	Common Name	Scientific name	Noxious Weed Class
BUDDAV	butterfly bush	<i>Buddleja davidii</i>	
CENSTO	spotted knapweed	<i>Centaurea stoebe</i> (C. <i>biebersteinii</i>)	B
CIRARV	Canada thistle	<i>Cirsium arvense</i>	
CIRVUL	bull thistle	<i>Cirsium vulgare</i>	
HIEAUR	orange hawkweed	<i>Hieracium aurantiacum</i>	B
HIECAE	yellow hawkweed	<i>Hieracium caespitosum</i>	B
HIELAC	common hawkweed	<i>Hieracium lachenalii</i>	C
IRIPSE	yellow flag iris	<i>Iris pseudacorus</i>	
LINDAL	Dalmatian toadflax	<i>Linaria dalmatica</i> ssp. <i>dalmatica</i>	B
LINVUL	yellow toadflax	<i>Linaria vulgaris</i>	
POLCUS	Japanese knotweed	<i>Polygonum cuspidatum</i>	B
SENJAC	tansy ragwort	<i>Senecio jacobaea</i>	B

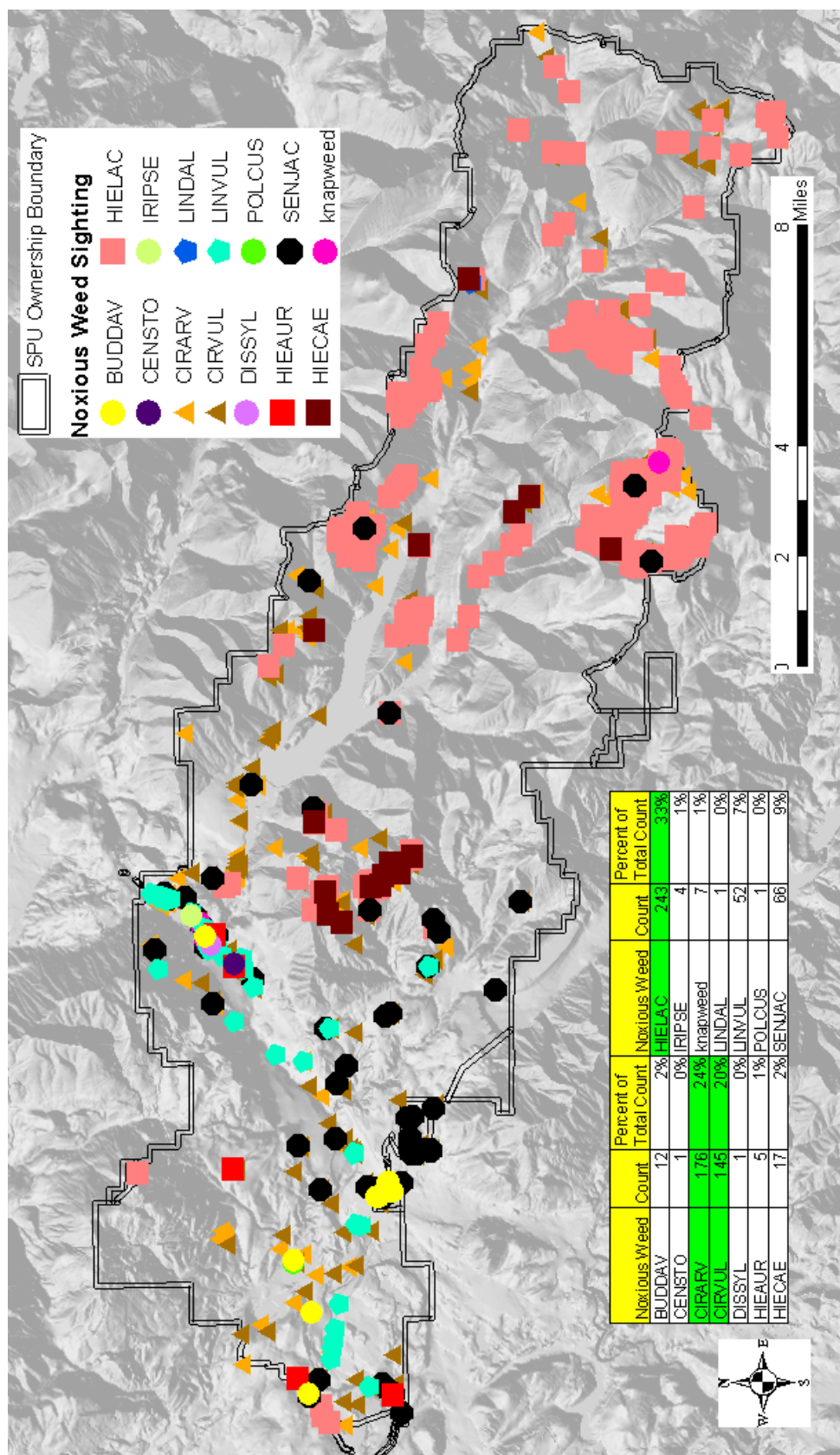


Figure 7. Map depicting locations of target noxious weeds mapped in 2007.

Specimens Collected During 2007 Surveys

Collecting of voucher specimens was conducted along with mapping target noxious species in the Cedar River Watershed. The goal over the two year project period is to collect five voucher specimens (populations permitting) of each species encountered in each of the project area watersheds. Table 3 lists which target noxious weeds we collected in 2007 and how many specimens we have.

Table 3. Count of voucher specimens collected in 2007 for each target noxious weed species.

Species	Count of Specimens
<i>Buddleja davidii</i> Franch.	4
<i>Centaurea stoebe</i> L. ssp. <i>Micranthos</i> (Gugler) Hayek	1
<i>Hieracium aurantiacum</i> L.	1
<i>Hieracium caespitosum</i> Dumort.	5
<i>Hieracium lachenalii</i> C.C. Gmel.	5
<i>Iris pseudacorus</i> L.	2
<i>Linaria dalmatica</i> (L.) P. Mill.	1
<i>Linaria vulgaris</i> P. Mill.	5
<i>Senecio jacobaea</i> L.	1
Total	25

Each of these specimens has had or is going to have herbarium labels created for submittal to the University of Washington Herbarium. We have been in communications with David Giblin, Collections Manager of the UW Herbarium, as to how many of each species the herbarium may be interested in possessing. The specimen collection and herbarium submittal process will continue in the 2008 phase of this project.

Decommissioned Road Surveys

Along with the target noxious weed surveys, a select set of decommissioned roads had a full vascular plant species inventory conducted during 2007. We conducted full species inventories on nearly 75% of the decommissioned roads marked for inventory in the Cedar River Watershed. Table 4 provides an accounting of which decommissioned roads were inventoried by which surveyor.

Table 4. Decommissioned roads surveyed by surveyor in 2007.

Surveyor	Decommissioned Road	Surveyor	Decommissioned Road
Stewart	50.2	Stewart	91.5A
	72.5		91.5A1
	74		91.5A2
	81.3		91.5A3
	91		91.5C
	91.1		LM.5
	91.5	George	115
	121		540
	121.2		546.2
	150		640.1
	155.2		710
	546		712
	617		714
	770		820
	800		112.2C
	811		700C
	811.2	Hans	20.7
	860		25
	50.4C		25.2
	81.3A		126
	81.3B		154.1
	81.3C		619
	81.3E		621
	860.1A	Peter	117

In 2008 we plan to continue the full vascular plant surveys of selected decommissioned roads, as well as format and edit the lists we collected in 2007 to use updated plant taxonomic names. These lists will be made available to SPU with the final project report delivered in 2008.

Project Summary

From May through December 2007, we implemented the noxious weed surveys of the Cedar River Watershed and associated tasks within the timeframe and budget scope stated in our work agreement and discussed between PBI and SPU staff. We met our obligations in surveying nearly 60% of the total two year project area in 2007, mapping and submitting usable GIS data of weed locations on almost a weekly basis throughout the field season, providing weekly updates and communications to SPU staff about project progress, and collecting and preparing voucher specimens for submittal to the UW Herbarium.

Although a few unexpected issues were encountered during the 2007 project implementation, frequent and constructive communication between PBI staff and SPU personnel relegated all potential stumbling blocks into minor glitches easily dealt with via protocol shifts and adaptations in work scope. Given the track record of project success in 2007 it seems that all parties are poised for successful implementation of activities in 2008 activities subsequent on time project completion.

Appendix B – Decommissioned Road Plant Lists for the Cedar River Watershed

Road Group 112.2C

Observer GW

Survey Date 7/15/2007

Description Thick trees ~20ft tall - ABAM

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Abies amabilis</i> (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
<i>Achillea millefolium</i> L.	ACMI2	common yarrow	Asteraceae	
<i>Anaphalis margaritacea</i> (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
<i>Aruncus dioicus</i> (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
<i>Campanula scouleri</i> Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
<i>Chamerion angustifolium</i> (L.) Holub	CHAN9	fireweed	Onagraceae	
<i>Dicentra formosa</i> (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
<i>Elymus glaucus</i> Buckley	ELGL	blue wildrye	Poaceae	
<i>Euphrasia nemorosa</i> (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
<i>Galium oreganum</i> Britton	GAOR	Oregon bedstraw	Rubiaceae	
<i>Hieracium albiflorum</i> Hook.	HIAL2	white hawkweed	Asteraceae	
<i>Hieracium lachenalii</i> C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
<i>Holodiscus discolor</i> (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
<i>Leucanthemum vulgare</i> Lam.	LEVU	oxeye daisy	Asteraceae	B
<i>Lilium columbianum</i> Leichtlin	LICO	Columbia lily	Liliaceae	
<i>Lupinus latifolius</i> Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
<i>Mahonia nervosa</i> (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
<i>Nothochelone nemorosa</i> (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
<i>Penstemon serrulatus</i> Menzies ex Sm.	PESE5	serrulate penstemon	Scrophulariaceae	
<i>Polystichum munitum</i> (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
<i>Populus balsamifera</i> L. ssp. <i>trichocarpa</i> (Torr. &	POBAT	black cottonwood	Salicaceae	
<i>Pseudotsuga menziesii</i> (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
<i>Pteridium aquilinum</i> (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	
<i>Rubus idaeus</i> L.	RUID	American red raspberry	Rosaceae	
<i>Rubus lasiococcus</i> A. Gray	RULA2	roughfruit berry	Rosaceae	
<i>Salix scouleriana</i> Barratt ex Hook.	SASC	Scouler's willow	Salicaceae	
<i>Sambucus racemosa</i> L.	SARA2	red elderberry	Caprifoliaceae	
<i>Tsuga mertensiana</i> (Bong.) Carrière	TSME	mountain hemlock	Pinaceae	
<i>Vaccinium ovalifolium</i> Sm.	VAOV	oval-leaf blueberry	Ericaceae	
<i>Valeriana sitchensis</i> Bong.	VASI	Sitka valerian	Valerianaceae	
<i>Xerophyllum tenax</i> (Pursh) Nutt.	XETE	common beargrass	Liliaceae	

Road Group 115

Observer GW

Survey Date 7/15/2007

Description Road destroyed by 20ft wide debris flow at beginning. Covered by 6ft-tall ALRU2. Many downed logs

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Achillea millefolium</i> L.	ACMI2	common yarrow	Asteraceae	
<i>Achlys triphylla</i> (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
<i>Alnus rubra</i> Bong.	ALRU2	red alder	Betulaceae	
<i>Anaphalis margaritacea</i> (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
<i>Arabis</i> L.	ARABI2	rockcress	Brassicaceae	
<i>Artemisia suksdorfii</i> Piper	ARSU4	coastal wormwood	Asteraceae	
<i>Aruncus dioicus</i> (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
<i>Asarum caudatum</i> Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
<i>Athyrium americanum</i> (Butters) Maxon	ATAM	alpine ladyfern	Dryopteridaceae	
<i>Athyrium filix-femina</i> (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
<i>Blechnum spicant</i> (L.) Sm.	BLSP	deer fern	Blechnaceae	
<i>Bromus</i> L.	BROMU	brome	Poaceae	
<i>Castilleja hispida</i> Benth.	CAHI9	harsh Indian paintbrush	Scrophulariaceae	

Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	C
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	
Cirsium brevistylum Cronquist	CIBR2	clustered thistle	Asteraceae	

Road Group 115

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Cystopteris fragilis (L.) Bernh.	CYFR2	brittle bladderfern	Dryopteridaceae	
Cytisus scoparius (L.) Link	CYSC4	Scotch broom	Fabaceae	B
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium L.	EPILO	willowherb	Onagraceae	
Eriophyllum lanatum (Pursh) Forbes	ERLA6	common woolly sunflower	Asteraceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Gymnocarpium dryopteris (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
Hieracium caespitosum Dumort.	HICA10	meadow hawkweed	Asteraceae	B
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Lactuca biennis (Moench) Fernald	LABI	tall blue lettuce	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Luina hypoleuca Benth.	LUHY	littleleaf silverback	Asteraceae	
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Montia parvifolia (Moc. ex DC.) Greene	MOPA2	littleleaf minerslettuce	Portulacaceae	
Osmorhiza berteroi DC.	OSBE	sweetcicely	Apiaceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Pterospora andromedea Nutt.	PTAN2	woodland pinedrops	Monotropaceae	
Rubus lasiococcus A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Rumex acetosa L.	RUAC2	garden sorrel	Polygonaceae	
Salix scouleriana Barratt ex Hook.	SASC	Scouler's willow	Salicaceae	
Sambucus racemosa L.	SARA2	red elderberry	Caprifoliaceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tiarella trifoliata L. var. unifoliata (Hook.) Kurtz	TITRU	oneleaf foamflower	Saxifragaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Viola glabella Nutt.	VIGL	pioneer violet	Violaceae	

Road Group 117

Observer GW

Survey Date 7/16/2007

Description No erosion. No trees; only herbs and shrubs.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Achillea millefolium L.	ACMI2	common yarrow	Asteraceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Artemisia ludoviciana Nutt.	ARLU	white sagebrush	Asteraceae	
Campanula scouleri Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
Carex hoodii Boott	CAHO5	Hood's sedge	Cyperaceae	
Carex rossii Boott	CARO5	Ross' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium brevistylum Cronquist	CIBR2	clustered thistle	Asteraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium L.	EPILO	willowherb	Onagraceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Juncus L.	JUNCU	rush	Juncaceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B

Road Group 117

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Penstemon serrulatus Menzies ex Sm.	PESE5	serrulate penstemon	Scrophulariaceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Prunus emarginata (Douglas ex Hook.) D. Dietr.	PREM	bitter cherry	Rosaceae	
Pteridium aquilinum (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	
Rosa L.	ROSA5	rose	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Viola sempervirens Greene	VISE3	evergreen violet	Violaceae	

Road Group 121, 121.2

Observer SW

Survey Date 8/22/2007

Description Road traverses steep clear-cut hillside. Small landslides across road in places.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Acer glabrum Torr.	ACGL	Rocky Mountain maple	Aceraceae	
Achillea millefolium L.	ACMI2	common yarrow	Asteraceae	
Adiantum aleuticum (Rupr.) Paris	ADAL	Aleutian maidenhair	Pteridaceae	
Agoseris grandiflora (Nutt.) Greene	AGGR	bigflower agoseris	Asteraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Agrostis scabra Willd.	AGSC5	rough bentgrass	Poaceae	
Aira caryophylla L.	AICA	silver hairgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem.	AMAL2	Saskatoon serviceberry	Rosaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aquilegia formosa Fisch. ex DC.	AQFO	western columbine	Ranunculaceae	
Arctostaphylos uva-ursi (L.) Spreng.	ARUV	kinnikinnick	Ericaceae	
Artemisia suksdorfii Piper	ARSU4	coastal wormwood	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Campanula scouleri Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
Carex deweyana Schwein.	CADE9	Dewey sedge	Cyperaceae	
Castilleja hispida Benth.	CAHI9	harsh Indian paintbrush	Scrophulariaceae	
Castilleja miniata Douglas ex Hook.	CAMI12	giant red Indian paintbrush	Scrophulariaceae	
Centaurium erythraea Rafn	CEER5	European centaury	Gentianaceae	
Cerastium fontanum Baumg.	CEFO2	common mouse-ear	Caryophyllaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Chimaphila menziesii (R. Br. ex D. Don) Spreng.	CHME	little prince's pine	Pyrolaceae	
Circaea alpina L.	CIAL	small enchanter's nightshade	Onagraceae	
Cirsium brevistylum Cronquist	CIBR2	clustered thistle	Asteraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Claytonia sibirica L.	CLSI2	Siberian springbeauty	Portulacaceae	
Collomia heterophylla Douglas ex Hook.	COHE2	variableleaf collomia	Polemoniaceae	
Cryptogramma acrostichoides R. Br.	CRAC3	American rockbrake	Pteridaceae	
Cytisus scoparius (L.) Link	CYSC4	Scotch broom	Fabaceae	B
Danthonia intermedia Vasey	DAIN	timber oatgrass	Poaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium brachycarpum C. Presl	EPBR3	tall annual willowherb	Onagraceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Epilobium minutum Lindl. ex Lehm.	EPMI	chaparral willowherb	Onagraceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Fragaria vesca L. ssp. bracteata (A. Heller) Staudt	FRVEB2	woodland strawberry	Rosaceae	
Fragaria virginiana Duchesne	FRVI	Virginia strawberry	Rosaceae	

Road Group 121, 121.2

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Galeopsis tetrahit L.	GATE2	brittlestem hempnettle	Lamiaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Gamochaeta purpurea (L.) Cabrera	GAPU3	spoonleaf purple everlasting	Asteraceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Geranium robertianum L.	GERO	Robert geranium	Geraniaceae	B
Heuchera micrantha Douglas ex Lindl.	HEMI7	crevice alumroot	Saxifragaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Juncus tenuis Willd.	JUTE	poverty rush	Juncaceae	
Lactuca biennis (Moench) Fernald	LABI	tall blue lettuce	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Logfia minima (Sm.) Dumort.	LOMI4	little cottonrose	Asteraceae	
Lotus micranthus Benth.	LOMI	desert deervetch	Fabaceae	
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mimulus guttatus DC.	MIGU	seep monkeyflower	Scrophulariaceae	
Montia parvifolia (Moc. ex DC.) Greene	MOPA2	littleleaf minerslettuce	Portulacaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Osmorhiza berteroi DC.	OSBE	sweetcicely	Apiaceae	
Paxistima myrsinites (Pursh) Raf.	PAMY	Oregon boxleaf	Celastraceae	
Penstemon serrulatus Menzies ex Sm.	PESE5	serulate penstemon	Scrophulariaceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Plantago major L.	PLMA2	common plantain	Plantaginaceae	
Polygonum minimum S. Watson	POMI2	broadleaf knotweed	Polygonaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Prunella vulgaris L.	POBAT	black cottonwood	Salicaceae	
Prunella vulgaris L. ssp. lanceolata (W. Bartram)	PRVU	common selfheal	Lamiaceae	
Prunus emarginata (Douglas ex Hook.) D. Dietr.	PRVUL2	lance selfheal	Lamiaceae	
Pseudognaphalium canescens (DC.) W.A. Weber	PREM	bitter cherry	Rosaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSCAT	Wright's cudweed	Asteraceae	
Pteridium aquilinum (L.) Kuhn	PSME	Douglas-fir	Pinaceae	
Ranunculus repens L.	PTAQ	western brackenfern	Dennstaedtiaceae	
Ribes lacustre (Pers.) Poir.	RARE3	creeping buttercup	Ranunculaceae	
Ribes sanguineum Pursh	RILA	prickly currant	Grossulariaceae	
Rosa gymnocarpa Nutt.	RISA	redflower currant	Grossulariaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	ROGY	dwarf rose	Rosaceae	
Rubus parviflorus Nutt.	RULE	whitebark raspberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUPA	thimbleberry	Rosaceae	
Rumex acetosella L.	RUUR	California blackberry	Rosaceae	
Rumex obtusifolius L.	RUAC3	common sheep sorrel	Polygonaceae	
Salix sitchensis Sanson ex Bong.	RUOB	bitter dock	Polygonaceae	
Senecio jacobaea L.	SASI2	Sitka willow	Salicaceae	
Solidago canadensis L.	SEJA	stinking willie	Asteraceae	B
Sonchus asper (L.) Hill	SOCA6	Canada goldenrod	Asteraceae	
Sorbus scopulina Greene	SOAS	spiny sowthistle	Asteraceae	
Spiraea betulifolia Pall.	SOSC2	Greene's mountain ash	Rosaceae	
Spiranthes romanzoffiana Cham.	SPBE2	white spirea	Rosaceae	
Stellaria calycantha (Ledeb.) Bong.	SPRO	hooded lady's tresses	Orchidaceae	
Stellaria crispa Cham. & Schltdl.	STCA	northern starwort	Caryophyllaceae	
Symphoricarpos hesperius G.N. Jones	STCR2	curled starwort	Caryophyllaceae	
Tellima grandiflora (Pursh) Douglas ex Lindl.	SYHE	trailing snowberry	Caprifoliaceae	
	TEGR2	bigflower tellima	Saxifragaceae	

Road Group 121, 121.2

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tiarella trifoliata L. var. trifoliata	TITRT	threeleaf foamflower	Saxifragaceae	
Tolmiea menziesii (Pursh) Torr. & A. Gray	TOME	youth on age	Saxifragaceae	
Trientalis borealis Raf. ssp. latifolia (Hook.) Hultén	TRBOL	broadleaf starflower	Primulaceae	
Trifolium repens L.	TRRE3	white clover	Fabaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium L.	VACCI	blueberry	Ericaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Valeriana L.	VALER	valerian	Valerianaceae	
Verbascum thapsus L.	VETH	common mullein	Scrophulariaceae	
Veronica americana Schwein. ex Benth.	VEAM2	American speedwell	Scrophulariaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Viola glabella Nutt.	VIGL	pioneer violet	Violaceae	
Viola sempervirens Greene	VISE3	evergreen violet	Violaceae	
Xerophyllum tenax (Pursh) Nutt.	XETE	common beargrass	Liliaceae	

Road Group 126

Observer HS

Survey Date 9/5/2007

Description Large washouts at stream crossings. Some steeper sections eroding away, slides from upper hill covering parts of old road bed

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Acer glabrum Torr.	ACGL	Rocky Mountain maple	Aceraceae	
Achillea millefolium L.	ACMI2	common yarrow	Asteraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Anthoxanthum aristatum Boiss.	ANAR7	annual vernalgrass	Poaceae	
Artemisia suksdorfii Piper	ARSU4	coastal wormwood	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Asarum caudatum Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Botrychium multifidum (S.G. Gmel.) Trevis.	BOMU	leathery grapefern	Ophioglossaceae	
Bromus vulgaris (Hook.) Shear	BRVU	Columbia brome	Poaceae	
Calamagrostis canadensis (Michx.) P. Beauv.	CACA4	bluejoint	Poaceae	
Campanula scouleri Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
Carex deweyana Schwein.	CADE9	Dewey sedge	Cyperaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Castilleja hispida Benth.	CAHI9	harsh Indian paintbrush	Scrophulariaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium edule Nutt.	CIED	edible thistle	Asteraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Claytonia sibirica L.	CLSI2	Siberian springbeauty	Portulacaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Equisetum arvense L.	EQAR	field horsetail	Equisetaceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Festuca subulata Trin.	FESU	bearded fescue	Poaceae	
Fragaria vesca L. ssp. bracteata (A. Heller) Staudt	FRVEB2	woodland strawberry	Rosaceae	
Galium aparine L.	GAAP2	stickywilly	Rubiaceae	
Galium oreganum Britton	GAOR	Oregon bedstraw	Rubiaceae	
Gaultheria ovatifolia A. Gray	GAOV2	western teaberry	Ericaceae	

Road Group 126

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Geum macrophyllum Willd.	GEMA4	largeleaf avens	Rosaceae	
Glyceria striata (Lam.) Hitchc.	GLST	fowl mannagrass	Poaceae	
Heracleum maximum Bartram	HEMA80	common cowparsnip	Apiaceae	
Hieracium albiflorum Hook.	HAL2	white hawkweed	Asteraceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lilium columbianum Leichtlin	LICO	Columbia lily	Liliaceae	
Linnaea borealis L.	LIBO3	twinflor	Caprifoliaceae	
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Mahonia nervosa (Pursh) Nutt.	MAHE2	Cascade barberry	Berberidaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mimulus guttatus DC.	MIGU	seep monkeyflower	Scrophulariaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Osmorhiza berteroi DC.	OSBE	sweetcicely	Apiaceae	
Paxistima myrsinites (Pursh) Raf.	PAMY	Oregon boxleaf	Celastraceae	
Penstemon serrulatus Menzies ex Sm.	PESE5	serulate penstemon	Scrophulariaceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Poa pratensis L.	POPR	Kentucky bluegrass	Poaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Prosartes D. Don	POBAT	black cottonwood	Salicaceae	
Prunella vulgaris L.	PROSA		Liliaceae	
Pseudotsuga menziesii (Mirb.) Franco	PRVU	common selfheal	Lamiaceae	
Pteridium aquilinum (L.) Kuhn	PSME	Douglas-fir	Pinaceae	
Ranunculus repens L.	PTAQ	western brackenfern	Dennstaedtiaceae	
Ribes bracteosum Douglas ex Hook.	RARE3	creeping buttercup	Ranunculaceae	
Ribes lacustre (Pers.) Poir.	RIBR	stink currant	Grossulariaceae	
Rosa gymnocarpa Nutt.	RILA	prickly currant	Grossulariaceae	
Rubus lasiococcus A. Gray	ROGY	dwarf rose	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus parviflorus Nutt.	RULE	whitebark raspberry	Rosaceae	
Rubus spectabilis Pursh	RUPA	thimbleberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUSP	salmonberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	RUUR	California blackberry	Rosaceae	
Sambucus racemosa L.	SASI2	Sitka willow	Salicaceae	
Senecio jacobaea L.	SARA2	red elderberry	Caprifoliaceae	
Solidago canadensis L.	SEJA	stinking willie	Asteraceae	B
Sonchus asper (L.) Hill	SOCA6	Canada goldenrod	Asteraceae	
Sorbus sitchensis M. Roem.	SOAS	spiny sowthistle	Asteraceae	
Spiraea splendens Baumann ex K. Koch var.	SOSI2	western mountain ash	Rosaceae	
Stellaria calycantha (Ledeb.) Bong.	SPSPS	rose meadowsweet	Rosaceae	
Symphoricarpos albus (L.) S.F. Blake	STCA	northern starwort	Caryophyllaceae	
Tellima grandiflora (Pursh) Douglas ex Lindl.	SYAL	common snowberry	Caprifoliaceae	
Thalictrum occidentale A. Gray	TEGR2	bigflower tellima	Saxifragaceae	
Tiarella trifoliata L.	THOC	western meadow-rue	Ranunculaceae	
Tolmiea menziesii (Pursh) Torr. & A. Gray	TITR	threeleaf foamflower	Saxifragaceae	
Trisetum canescens Buckley	TOME	youth on age	Saxifragaceae	
Tsuga heterophylla (Raf.) Sarg.	TRCA21	tall trisetum	Poaceae	
Vaccinium ovalifolium Sm.	TSHE	western hemlock	Pinaceae	
Vaccinium parvifolium Sm.	VAOV	oval-leaf blueberry	Ericaceae	
Veronica officinalis L.	VAPA	red huckleberry	Ericaceae	
	VEOF2	common gypsyweed	Scrophulariaceae	

Road Group 126

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Viola orbiculata</i> Geyer ex Holz.	VIOR	darkwoods violet	Violaceae	
<i>Viola sempervirens</i> Greene	VISE3	evergreen violet	Violaceae	
<i>Xerophyllum tenax</i> (Pursh) Nutt.	XETE	common beargrass	Liliaceae	

Road Group 150

Observer	SW	Survey Date	7/17/007
Description	Creek runs in road bed for about 100' at GPS 608185/5246027		

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Abies amabilis</i> (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
<i>Acer circinatum</i> Pursh	ACCI	vine maple	Aceraceae	
<i>Agoseris grandiflora</i> (Nutt.) Greene	AGGR	bigflower agoseris	Asteraceae	
<i>Agrostis</i> L.	AGROS2	bentgrass	Poaceae	
<i>Agrostis stolonifera</i> L.	AGST2	creeping bentgrass	Poaceae	
<i>Alnus rubra</i> Bong.	ALRU2	red alder	Betulaceae	
<i>Anaphalis margaritacea</i> (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
<i>Angelica genuflexa</i> Nutt.	ANGE2	kneeling angelica	Apiaceae	
<i>Aruncus dioicus</i> (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
<i>Athyrium filix-femina</i> (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
<i>Blechnum spicant</i> (L.) Sm.	BLSP	deer fern	Blechnaceae	
<i>Campanula scouleri</i> Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
<i>Carex deweyana</i> Schwein.	CADE9	Dewey sedge	Cyperaceae	
<i>Carex</i> L.	CAREX	sedge	Cyperaceae	
<i>Carex mertensii</i> Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
<i>Chamerion angustifolium</i> (L.) Holub	CHAN9	fireweed	Onagraceae	
<i>Cirsium arvense</i> (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
<i>Cytisus scoparius</i> (L.) Link	CYSC4	Scotch broom	Fabaceae	B
<i>Dicentra formosa</i> (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
<i>Digitalis purpurea</i> L.	DIPU	purple foxglove	Scrophulariaceae	
<i>Dryopteris expansa</i> (C. Presl) Fraser-Jenkins &	DREX2	spreading woodfern	Dryopteridaceae	
<i>Elymus glaucus</i> Buckley	ELGL	blue wildrye	Poaceae	
<i>Epilobium ciliatum</i> Raf.	EPCI	fringed willowherb	Onagraceae	
<i>Equisetum telmateia</i> Ehrh.	EQTE	giant horsetail	Equisetaceae	
<i>Festuca</i> L.	FESTU	fescue	Poaceae	
<i>Galium triflorum</i> Michx.	GATR3	fragrant bedstraw	Rubiaceae	
<i>Gaultheria shallon</i> Pursh	GASH	salal	Ericaceae	
<i>Glyceria striata</i> (Lam.) Hitchc.	GLST	fowl mannagrass	Poaceae	
<i>Gymnocarpium dryopteris</i> (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
<i>Holodiscus discolor</i> (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
<i>Hypochaeris radicata</i> L.	HYRA3	hairy cat's ear	Asteraceae	B
<i>Juncus effusus</i> L.	JUEF	common rush	Juncaceae	
<i>Juncus ensifolius</i> Wikstr.	JUEN	swordleaf rush	Juncaceae	
<i>Leucanthemum vulgare</i> Lam.	LEVU	oxeye daisy	Asteraceae	B
<i>Lilium columbianum</i> Leichtlin	LICO	Columbia lily	Liliaceae	
<i>Linnaea borealis</i> L.	LIBO3	twinflower	Caprifoliaceae	
<i>Lupinus latifolius</i> Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
<i>Luzula parviflora</i> (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
<i>Maianthemum dilatatum</i> (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
<i>Mimulus guttatus</i> DC.	MIGU	seep monkeyflower	Scrophulariaceae	
<i>Montia parvifolia</i> (Moc. ex DC.) Greene	MOPA2	littleleaf minerslettuce	Portulacaceae	
<i>Mycelis muralis</i> (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
<i>Oplopanax horridus</i> (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
<i>Osmorhiza berteroi</i> DC.	OSBE	sweetcicely	Apiaceae	
<i>Paxistima myrsinites</i> (Pursh) Raf.	PAMY	Oregon boxleaf	Celastraceae	
<i>Platanthera stricta</i> Lindl.	PLST4	slender bog orchid	Orchidaceae	
<i>Polygonum minimum</i> S. Watson	POMI2	broadleaf knotweed	Polygonaceae	
<i>Polystichum munitum</i> (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	

Road Group 150

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Prenanthes alata</i> (Hook.) D. Dietr.	PRAL	western rattlesnakeroot	Asteraceae	
<i>Pseudotsuga menziesii</i> (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
<i>Pteridium aquilinum</i> (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	
<i>Ranunculus repens</i> L.	RARE3	creeping buttercup	Ranunculaceae	
<i>Ribes bracteosum</i> Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
<i>Rosa gymnocarpa</i> Nutt.	ROGY	dwarf rose	Rosaceae	
<i>Rubus lasiococcus</i> A. Gray	RULA2	roughfruit berry	Rosaceae	
<i>Rubus leucodermis</i> Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
<i>Rubus spectabilis</i> Pursh	RUSP	salmonberry	Rosaceae	
<i>Rubus ursinus</i> Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
<i>Rumex acetosella</i> L.	RUAC3	common sheep sorrel	Polygonaceae	
<i>Salix</i> L.	SALIX	willow	Salicaceae	
<i>Sambucus racemosa</i> L.	SARA2	red elderberry	Caprifoliaceae	
<i>Solidago canadensis</i> L.	SOCA6	Canada goldenrod	Asteraceae	
<i>Stachys</i> L.	STACH	hedgenettle	Lamiaceae	
<i>Stellaria calycantha</i> (Ledeb.) Bong.	STCA	northern starwort	Caryophyllaceae	
<i>Tiarella trifoliata</i> L. var. <i>unifoliata</i> (Hook.) Kurtz	TITRU	oneleaf foamflower	Saxifragaceae	
<i>Tolmiea menziesii</i> (Pursh) Torr. & A. Gray	TOME	youth on age	Saxifragaceae	
<i>Tsuga heterophylla</i> (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
<i>Vaccinium</i> L.	VACCI	blueberry	Ericaceae	
<i>Vaccinium parvifolium</i> Sm.	VAPA	red huckleberry	Ericaceae	
<i>Verbascum thapsus</i> L.	VEVH	common mullein	Scrophulariaceae	
<i>Veronica americana</i> Schwein. ex Benth.	VEAM2	American speedwell	Scrophulariaceae	
<i>Viola glabella</i> Nutt.	VIOL	pioneer violet	Violaceae	
<i>Viola sempervirens</i> Greene	VISE3	evergreen violet	Violaceae	
<i>Xerophyllum tenax</i> (Pursh) Nutt.	XETE	common beargrass	Liliaceae	

Road Group 154

Observer PS

Survey Date 9/2/2008

Description

Road bordered by a mix of primarily second growth forest and scattered old-growth forest. Firs, alders, salmonberry, club moss (*Lycopodium clavatum*), and thimbleberry dot the road. Vegetation becomes less on the dry hillside. Road was easily walkable

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Abies amabilis</i> (Douglas ex Loudon) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
<i>Achlys triphylla</i> (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
<i>Adiantum aleuticum</i> (Rupr.) Paris	ADAL	Aleutian maidenhair	Pteridaceae	
<i>Agrostis capillaris</i> L.	AGCA5	colonial bentgrass	Poaceae	
<i>Alnus rubra</i> Bong.	ALRU2	red alder	Betulaceae	
<i>Anaphalis margaritacea</i> (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
<i>Arctostaphylos uva-ursi</i> (L.) Spreng.	ARUV	kinnikinnick	Ericaceae	
<i>Artemisia suksdorfii</i> Piper	ARSU4	coastal wormwood	Asteraceae	
<i>Aruncus dioicus</i> (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
<i>Asarum caudatum</i> Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
<i>Athyrium filix-femina</i> (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
<i>Blechnum spicant</i> (L.) Sm.	BLSP	deer fern	Blechnaceae	
<i>Boykinia intermedia</i> (Piper) G.N. Jones	BOIN4	Sierra brookfoam	Saxifragaceae	
<i>Carex deweyana</i> Schwein.	CADE9	Dewey sedge	Cyperaceae	
<i>Carex mertensii</i> Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
<i>Chamerion angustifolium</i> (L.) Holub	CHAN9	fireweed	Onagraceae	
<i>Circaea alpina</i> L.	CIAL	small enchanter's nightshade	Onagraceae	
<i>Cirsium brevistylum</i> Cronquist	CIBR2	clustered thistle	Asteraceae	
<i>Claytonia sibirica</i> L.	CLSI2	Siberian springbeauty	Portulacaceae	
<i>Cornus unalaschensis</i> Ledeb.	COUN	western cordilleran	Cornaceae	
<i>Crepis capillaris</i> (L.) Wallr.	CRCA3	smooth hawksbeard	Asteraceae	
<i>Cytisus scoparius</i> (L.) Link	CYSC4	Scotch broom	Fabaceae	B
<i>Dicentra formosa</i> (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
<i>Digitalis purpurea</i> L.	DIPU	purple foxglove	Scrophulariaceae	

Road Group 154

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Elymus glaucus</i> Buckley	ELGL	blue wildrye	Poaceae	
<i>Epilobium minutum</i> Lindl. ex Lehm.	EPMI	chaparral willowherb	Onagraceae	
<i>Equisetum arvense</i> L.	EQAR	field horsetail	Equisetaceae	
<i>Erigeron philadelphicus</i> L.	ERPH	Philadelphia fleabane	Asteraceae	
<i>Euphrasia nemorosa</i> (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
<i>Festuca</i> L.	FESTU	fescue	Poaceae	
<i>Galium triflorum</i> Michx.	GATR3	fragrant bedstraw	Rubiaceae	
<i>Gaultheria ovatifolia</i> A. Gray	GAOV2	western teaberry	Ericaceae	
<i>Gaultheria shallon</i> Pursh	GASH	salal	Ericaceae	
<i>Geranium robertianum</i> L.	GERO	Robert geranium	Geraniaceae	B
<i>Gymnocarpium dryopteris</i> (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
<i>Hieracium albiflorum</i> Hook.	HIAL2	white hawkweed	Asteraceae	
<i>Hieracium lachenalii</i> C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
<i>Holodiscus discolor</i> (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
<i>Hypericum perforatum</i> L.	HYPE	common St. Johnswort	Clusiaceae	C
<i>Leucanthemum vulgare</i> Lam.	LEVU	oxeye daisy	Asteraceae	B
<i>Linnaea borealis</i> L.	LIBO3	twinflower	Caprifoliaceae	
<i>Lupinus</i> L.	LUPIN	lupine	Fabaceae	
<i>Luzula parviflora</i> (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
<i>Lycopodium clavatum</i> L.	LYCL	running clubmoss	Lycopodiaceae	
<i>Mahonia nervosa</i> (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
<i>Menziesia ferruginea</i> Sm.	MEFE	rusty menziesia	Ericaceae	
<i>Mycelis muralis</i> (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
<i>Nothochelone nemorosa</i> (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
<i>Oplopanax horridus</i> (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
<i>Petasites frigidus</i> (L.) Fr. var. <i>palmatum</i> (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
<i>Phalaris arundinacea</i> L.	PHAR3	reed canarygrass	Poaceae	C
<i>Phleum pratense</i> L.	PHPR3	timothy	Poaceae	
<i>Polystichum munitum</i> (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
<i>Populus balsamifera</i> L. ssp. <i>trichocarpa</i> (Torr. & Prunella vulgaris L.	POBAT	black cottonwood	Salicaceae	
<i>Pseudotsuga menziesii</i> (Mirb.) Franco	PRVU	common selfheal	Lamiaceae	
<i>Ranunculus repens</i> L.	PSME	Douglas-fir	Pinaceae	
<i>Ranunculus uncinatus</i> D. Don ex G. Don	RARE3	creeping buttercup	Ranunculaceae	
<i>Ribes bracteosum</i> Douglas ex Hook.	RAUN	woodland buttercup	Ranunculaceae	
<i>Rosa gymnocarpa</i> Nutt.	RIBR	stink currant	Grossulariaceae	
<i>Rubus armeniacus</i> Focke	ROGY	dwarf rose	Rosaceae	
<i>Rubus leucodermis</i> Douglas ex Torr. & A. Gray	RUAR9	Himalayan blackberry	Rosaceae	
<i>Rubus parviflorus</i> Nutt.	RULE	whitebark raspberry	Rosaceae	
<i>Rubus spectabilis</i> Pursh	RUPA	thimbleberry	Rosaceae	
<i>Rubus ursinus</i> Cham. & Schltdl.	RUSP	salmonberry	Rosaceae	
<i>Rumex</i> L.	RUUR	California blackberry	Rosaceae	
<i>Salix</i> L.	RUMEX	dock	Polygonaceae	
<i>Sambucus racemosa</i> L.	SALIX	willow	Salicaceae	
<i>Senecio jacobaea</i> L.	SARA2	red elderberry	Caprifoliaceae	
<i>Solidago canadensis</i> L.	SEJA	stinking willie	Asteraceae	B
<i>Sorbus sitchensis</i> M. Roem.	SOCA6	Canada goldenrod	Asteraceae	
<i>Stachys chamissonis</i> Benth. var. <i>cooleyae</i> (A. Streptopus streptopoides (Ledeb.) Frye & Rigg	SOSI2	western mountain ash	Rosaceae	
<i>Thuja plicata</i> Donn ex D. Don	STCHC3	coastal hedgenettle	Lamiaceae	
<i>Tiarella trifoliata</i> L.	STST3	small twistedstalk	Liliaceae	
<i>Tolmiea menziesii</i> (Pursh) Torr. & A. Gray	THPL	western redcedar	Cupressaceae	
<i>Trientalis borealis</i> Raf. ssp. <i>latifolia</i> (Hook.) Hultén	TITR	threeleaf foamflower	Saxifragaceae	
<i>Trifolium</i> L.	TOME	youth on age	Saxifragaceae	
<i>Trillium ovatum</i> Pursh	TRBOL	broadleaf starflower	Primulaceae	
<i>Tsuga heterophylla</i> (Raf.) Sarg.	TRIFO	clover	Fabaceae	
<i>Vaccinium ovalifolium</i> Sm.	TROV2	Pacific trillium	Liliaceae	
<i>Vaccinium parvifolium</i> Sm.	TSHE	western hemlock	Pinaceae	
	VAOV	oval-leaf blueberry	Ericaceae	
	VAPA	red huckleberry	Ericaceae	

Road Group 154

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Verbascum thapsus L.	VETH	common mullein	Scrophulariaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Viola glabella Nutt.	VIGL	pioneer violet	Violaceae	
Viola sempervirens Greene	VISE3	evergreen violet	Violaceae	

Road Group 154.1

Observer HS

Survey Date 9/5/2007

Description Small washouts at stream crossings. Some steeper sections eroding away, slides from upper hill covering parts of old road bed

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Agrostis scabra Willd.	AGSC5	rough bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem.	AMAL2	Saskatoon serviceberry	Rosaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Anthoxanthum aristatum Boiss.	ANAR7	annual vernalgrass	Poaceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Carex deweyana Schwein.	CADE9	Dewey sedge	Cyperaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Claytonia sibirica L.	CLSI2	Siberian springbeauty	Portulacaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Equisetum arvense L.	EQAR	field horsetail	Equisetaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Fragaria vesca L. ssp. bracteata (A. Heller) Staudt	FRVEB2	woodland strawberry	Rosaceae	
Galium aparine L.	GAAP2	stickywilly	Rubiaceae	
Gaultheria ovatifolia A. Gray	GAOV2	western teaberry	Ericaceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Lilium columbianum Leichtlin	LICO	Columbia lily	Liliaceae	
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Luzula comosa E. Mey.	LUCO6	Pacific woodrush	Juncaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mimulus guttatus DC.	MIGU	seep monkeyflower	Scrophulariaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Paxistima myrsinites (Pursh) Raf.	PAMY	Oregon boxleaf	Celastraceae	
Pinus monticola Douglas ex D. Don	PIMO3	western white pine	Pinaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. &	POBAT	black cottonwood	Salicaceae	
Pseudognaphalium canescens (DC.) W.A. Weber	PSCA11	Wright's cudweed	Asteraceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Pteridium aquilinum (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	
Ribes bracteosum Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	

Road Group 154.1

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Ribes lacustre (Pers.) Poir.	RILA	prickly currant	Grossulariaceae	
Rosa gymnocarpa Nutt.	ROGY	dwarf rose	Rosaceae	
Rubus armeniacus Focke	RUAR9	Himalayan blackberry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Rumex acetosella L.	RUAC3	common sheep sorrel	Polygonaceae	
Salix sitchensis Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
Senecio sylvaticus L.	SESY	woodland ragwort	Asteraceae	
Spergularia rubra (L.) J. Presl & C. Presl	SPRU	red sandspurry	Caryophyllaceae	
Spiraea splendens Baumann ex K. Koch var.	SPSPS	rose meadowsweet	Rosaceae	
Stellaria calycantha (Ledeb.) Bong.	STCA	northern starwort	Caryophyllaceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium ovalifolium Sm.	VAOV	oval-leaf blueberry	Ericaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Verbascum thapsus L.	VETH	common mullein	Scrophulariaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Viola sempervirens Greene	WISE3	evergreen violet	Violaceae	

Road Group 155.2

Observer SW

Survey Date 8/24/2007

Description churned soil from decommissioning made ideal conditions for weeds, forest surrounding sunny, churned soil had relatively little native seed adapted to these conditions

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Agrostis scabra Willd.	AGSC5	rough bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cinna latifolia (Trevis. ex Goepf.) Griseb.	CILA2	drooping woodreed	Poaceae	
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
Cirsium brevistylum Cronquist	CIBR2	clustered thistle	Asteraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Gaultheria ovatifolia A. Gray	GAOV2	western teaberry	Ericaceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Lupinus lepidus Douglas ex Lindl.	LULE2	Pacific lupine	Fabaceae	
Lupinus rivularis Douglas ex Lindl.	LURI	riverbank lupine	Fabaceae	
Mahonia nervosa (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Pseudognaphalium canescens (DC.) W.A. Weber	PSCAT	Wright's cudweed	Asteraceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Pteridium aquilinum (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	

Road Group 155.2

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Rubus lasiococcus A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
Senecio sylvaticus L.	SESY	woodland ragwort	Asteraceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium L.	VACCI	blueberry	Ericaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Xerophyllum tenax (Pursh) Nutt.	XETE	common beargrass	Liliaceae	

Road Group 213.2

Observer PS

Survey Date 8/27/2008

Description Road follows contours on steep heavily logged hillside. Road is dominated by young alder.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Achlys triphylla (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
Adiantum aleuticum (Rupr.) Paris	ADAL	Aleutian maidenhair	Pteridaceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Asarum caudatum Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Carex deweyana Schwein.	CADE9	Dewey sedge	Cyperaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Circaea alpina L.	CIAL	small enchanter's nightshade	Onagraceae	
Claytonia sibirica L.	CLSI2	Siberian springbeauty	Portulacaceae	
Crepis capillaris (L.) Wallr.	CRCA3	smooth hawkbeard	Asteraceae	
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium minutum Lindl. ex Lehm.	EPMI	chaparral willowherb	Onagraceae	
Equisetum arvense L.	EQAR	field horsetail	Equisetaceae	
Erigeron philadelphicus L.	ERPH	Philadelphia fleabane	Asteraceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Geranium robertianum L.	GERO	Robert geranium	Geraniaceae	B
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Mahonia nervosa (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Oplopanax horridus (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Phleum pratense L.	PHPR3	timothy	Poaceae	
Plantago L.	PLANT	plantain	Plantaginaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Prunella vulgaris L.	PRVU	common selfheal	Lamiaceae	

Road Group 213.2

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Pseudotsuga menziesii</i> (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
<i>Ranunculus repens</i> L.	RARE3	creeping buttercup	Ranunculaceae	
<i>Ranunculus uncinatus</i> D. Don ex G. Don	RAUN	woodland buttercup	Ranunculaceae	
<i>Ribes bracteosum</i> Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
<i>Rubus leucodermis</i> Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
<i>Rubus parviflorus</i> Nutt.	RUPA	thimbleberry	Rosaceae	
<i>Rubus spectabilis</i> Pursh	RUSP	salmonberry	Rosaceae	
<i>Rubus ursinus</i> Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
<i>Rumex</i> L.	RUMEX	dock	Polygonaceae	
<i>Salix</i> L.	SALIX	willow	Salicaceae	
<i>Sambucus racemosa</i> L.	SARA2	red elderberry	Caprifoliaceae	
<i>Solidago canadensis</i> L.	SOCA6	Canada goldenrod	Asteraceae	
<i>Streptopus streptopoides</i> (Ledeb.) Frye & Rigg	STST3	small twistedstalk	Liliaceae	
<i>Thuja plicata</i> Donn ex D. Don	THPL	western redcedar	Cupressaceae	
<i>Tiarella trifoliata</i> L.	TITR	threeleaf foamflower	Saxifragaceae	
<i>Tolmiea menziesii</i> (Pursh) Torr. & A. Gray	TOME	youth on age	Saxifragaceae	
<i>Trifolium</i> L.	TRIFO	clover	Fabaceae	
<i>Trillium ovatum</i> Pursh	TROV2	Pacific trillium	Liliaceae	
<i>Tsuga heterophylla</i> (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
<i>Vaccinium ovalifolium</i> Sm.	VAOV	oval-leaf blueberry	Ericaceae	
<i>Vaccinium parvifolium</i> Sm.	VAPA	red huckleberry	Ericaceae	
<i>Veronica officinalis</i> L.	VEOF2	common gypsyweed	Scrophulariaceae	
<i>Viola sempervirens</i> Greene	WISE3	evergreen violet	Violaceae	

Road Group 216.1

Observer PS

Survey Date 8/25/2008

Description Road dominated by young alder. Shade loving plants dominated the understory. This road was very easy to walk

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Abies amabilis</i> (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
<i>Achlys triphylla</i> (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
<i>Agrostis capillaris</i> L.	AGCA5	colonial bentgrass	Poaceae	
<i>Alnus rubra</i> Bong.	ALRU2	red alder	Betulaceae	
<i>Anaphalis margaritacea</i> (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
<i>Aruncus dioicus</i> (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
<i>Asarum caudatum</i> Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
<i>Athyrium filix-femina</i> (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
<i>Bromus vulgaris</i> (Hook.) Shear	BRVU	Columbia brome	Poaceae	
<i>Carex deweyana</i> Schwein.	CADE9	Dewey sedge	Cyperaceae	
<i>Carex mertensii</i> Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
<i>Centaurium erythraea</i> Rafn	CEER5	European centaury	Gentianaceae	
<i>Chamerion angustifolium</i> (L.) Holub	CHAN9	fireweed	Onagraceae	
<i>Circaea alpina</i> L.	CIAL	small enchanter's nightshade	Onagraceae	
<i>Claytonia sibirica</i> L.	CLSI2	Siberian springbeauty	Portulacaceae	
<i>Dicentra formosa</i> (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
<i>Digitalis purpurea</i> L.	DIPU	purple foxglove	Scrophulariaceae	
<i>Elymus glaucus</i> Buckley	ELGL	blue wildrye	Poaceae	
<i>Galium triflorum</i> Michx.	GATR3	fragrant bedstraw	Rubiaceae	
<i>Gymnocarpium dryopteris</i> (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
<i>Hieracium albiflorum</i> Hook.	HIAL2	white hawkweed	Asteraceae	
<i>Hypericum perforatum</i> L.	HYPE	common St. Johnswort	Clusiaceae	C
<i>Hypochaeris radicata</i> L.	HYRA3	hairy cat's ear	Asteraceae	B
<i>Leucanthemum vulgare</i> Lam.	LEVU	oxeye daisy	Asteraceae	B
<i>Lycopodium clavatum</i> L.	LYCL	running clubmoss	Lycopodiaceae	
<i>Mahonia nervosa</i> (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
<i>Menziesia ferruginea</i> Sm.	MEFE	rusty menziesia	Ericaceae	
<i>Mycelis muralis</i> (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	

Road Group 216.1

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Oplopanax horridus (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Prunella vulgaris L.	PRVU	common selfheal	Lamiaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Ribes bracteosum Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
Rosa gymnocarpa Nutt.	ROGY	dwarf rose	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus spectabilis Pursh	RUSP	salmonberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Salix L.	SALIX	willow	Salicaceae	
Sambucus racemosa L.	SARA2	red elderberry	Caprifoliaceae	
Streptopus streptopoides (Ledeb.) Frye & Rigg	STST3	small twistedstalk	Liliaceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tiarella trifoliata L.	TITR	threeleaf foamflower	Saxifragaceae	
Trientalis borealis Raf. ssp. latifolia (Hook.) Hultén	TRBOL	broadleaf starflower	Primulaceae	
Trillium ovatum Pursh	TROV2	Pacific trillium	Liliaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium ovalifolium Sm.	VAOV	oval-leaf blueberry	Ericaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Veronica L.	VERON	speedwell	Scrophulariaceae	
Viola glabella Nutt.	VIGL	pioneer violet	Violaceae	
Viola sempervirens Greene	WISE3	evergreen violet	Violaceae	

Road Group 240

Observer PS

Survey Date 8/26/2008

Description

Road has heavy cover of alder in places. Road bed seems to have become stream bed, many wetland plants and some small pools/wetlands in old road bed.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Loudon) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Acer macrophyllum Pursh	ACMA3	bigleaf maple	Aceraceae	
Achlys triphylla (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Arnica latifolia Bong.	ARLA8	broadleaf arnica	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Asarum caudatum Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Boykinia intermedia (Piper) G.N. Jones	BOIN4	Sierra brookfoam	Saxifragaceae	
Bromus ciliatus L.	BRCI2	fringed brome	Poaceae	
Bromus vulgaris (Hook.) Shear	BRVU	Columbia brome	Poaceae	
Calamagrostis canadensis (Michx.) P. Beauv.	CACA4	bluejoint	Poaceae	
Caltha leptosepala DC.	CALE4	white marsh marigold	Ranunculaceae	
Carex deweyana Schwein.	CADE9	Dewey sedge	Cyperaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Circaea alpina L.	CIAL	small enchanter's nightshade	Onagraceae	
Claytonia perfoliata Donn ex Willd.	CLPE	miner's lettuce	Portulacaceae	
Claytonia sibirica L.	CLIS2	Siberian springbeauty	Portulacaceae	
Cornus unalaschensis Ledeb.	COUN	western cordilleran	Cornaceae	
Deschampsia cespitosa (L.) P. Beauv.	DECE	tufted hairgrass	Poaceae	
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Epilobium minutum</i> Lindl. ex Lehm.	EPMI	chaparral willowherb	Onagraceae	
<i>Equisetum arvense</i> L.	EQAR	field horsetail	Equisetaceae	
<i>Galium oreganum</i> Britton	GAOR	Oregon bedstraw	Rubiaceae	
<i>Galium triflorum</i> Michx.	GATR3	fragrant bedstraw	Rubiaceae	
<i>Glyceria striata</i> (Lam.) Hitchc.	GLST	fowl mannagrass	Poaceae	
<i>Gymnocarpium dryopteris</i> (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
<i>Heracleum maximum</i> Bartram	HEMA80	common cowparsnip	Apiaceae	
<i>Hieracium albiflorum</i> Hook.	HIAL2	white hawkweed	Asteraceae	
<i>Hypericum perforatum</i> L.	HYPE	common St. Johnswort	Clusiaceae	C
<i>Hypochaeris radicata</i> L.	HYRA3	hairy cat's ear	Asteraceae	B
<i>Juncus ensifolius</i> Wikstr.	JUEN	swordleaf rush	Juncaceae	
<i>Leucanthemum vulgare</i> Lam.	LEVU	oxeye daisy	Asteraceae	B
<i>Ligusticum apiifolium</i> (Nutt. ex Torr. & A. Gray)	LIAP	celeryleaf licorice-root	Apiaceae	
<i>Lycopodium clavatum</i> L.	LYCL	running clubmoss	Lycopodiaceae	
<i>Lycopus americanus</i> Muhl. ex W. Bartram	LYAM	American water horehound	Lamiaceae	
<i>Maianthemum dilatatum</i> (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
<i>Maianthemum stellatum</i> (L.) Link	MAST4	starry false lily of the valley	Liliaceae	
<i>Menziesia ferruginea</i> Sm.	MEFE	rusty menziesia	Ericaceae	
<i>Mimulus guttatus</i> DC.	MIGU	seep monkeyflower	Scrophulariaceae	
<i>Mitella breweri</i> A. Gray	MIBR6	Brewer's miterwort	Saxifragaceae	
<i>Nephrophyllidium crista-galli</i> (Menzies ex Hook.)	NECR2	deercabbage	Menyanthaceae	
<i>Oplopanax horridus</i> (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
<i>Osmorhiza berteroi</i> DC.	OSBE	sweetcicely	Apiaceae	
<i>Petasites frigidus</i> (L.) Fr. var. <i>palmatius</i> (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
<i>Platanthera stricta</i> Lindl.	PLST4	slender bog orchid	Orchidaceae	
<i>Poa pratensis</i> L.	POPR	Kentucky bluegrass	Poaceae	
<i>Polystichum munitum</i> (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
<i>Prunella vulgaris</i> L.	PRVU	common selfheal	Lamiaceae	
<i>Pteridium aquilinum</i> (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	
<i>Ranunculus repens</i> L.	RARE3	creeping buttercup	Ranunculaceae	
<i>Ranunculus uncinatus</i> D. Don ex G. Don	RAUN	woodland buttercup	Ranunculaceae	
<i>Ribes bracteosum</i> Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
<i>Rubus lasiococcus</i> A. Gray	RULA2	roughfruit berry	Rosaceae	
<i>Rubus leucodermis</i> Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
<i>Rubus parviflorus</i> Nutt.	RUPA	thimbleberry	Rosaceae	
<i>Rubus pedatus</i> Sm.	RUPE	strawberryleaf raspberry	Rosaceae	
<i>Rubus spectabilis</i> Pursh	RUSP	salmonberry	Rosaceae	
<i>Rubus ursinus</i> Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
<i>Salix</i> L.	SALIX	willow	Salicaceae	
<i>Sambucus racemosa</i> L.	SARA2	red elderberry	Caprifoliaceae	
<i>Scirpus microcarpus</i> J. Presl & C. Presl	SCMI2	panicked bulrush	Cyperaceae	
<i>Senecio triangularis</i> Hook.	SETR	arrowleaf ragwort	Asteraceae	
<i>Stachys chamissonis</i> Benth. var. <i>cooleyae</i> (A.	STCHC3	coastal hedgenettle	Lamiaceae	
<i>Stellaria crista-galli</i> Cham. & Schltdl.	STCR2	curled starwort	Caryophyllaceae	
<i>Stellaria longipes</i> Goldie	STLO2	longstalk starwort	Caryophyllaceae	
<i>Streptopus streptopoides</i> (Ledeb.) Frye & Rigg	STST3	small twistedstalk	Liliaceae	
<i>Thuja plicata</i> Donn ex D. Don	THPL	western redcedar	Cupressaceae	
<i>Tiarella trifoliata</i> L.	TITR	threeleaf foamflower	Saxifragaceae	
<i>Tolmiea menziesii</i> (Pursh) Torr. & A. Gray	TOME	youth on age	Saxifragaceae	
<i>Trautvetteria carolinensis</i> (Walter) Vail	TRCA	Carolina bugbane	Ranunculaceae	
<i>Trifolium repens</i> L.	TRRE3	white clover	Fabaceae	
<i>Trillium ovatum</i> Pursh	TROV2	Pacific trillium	Liliaceae	
<i>Tsuga heterophylla</i> (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
<i>Vaccinium ovalifolium</i> Sm.	VAOV	oval-leaf blueberry	Ericaceae	
<i>Vaccinium parvifolium</i> Sm.	VAPA	red huckleberry	Ericaceae	
<i>Valeriana sitchensis</i> Bong.	VASI	Sitka valerian	Valerianaceae	
<i>Veratrum viride</i> Aiton	VEVI	green false hellebore	Liliaceae	
<i>Veronica officinalis</i> L.	VEOF2	common gypsyweed	Scrophulariaceae	

Road Group 240

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Veronica serpyllifolia L.	VESE	thymeleaf speedwell	Scrophulariaceae	
Viola glabella Nutt.	VIGL	pioneer violet	Violaceae	
Viola sempervirens Greene	VISE3	evergreen violet	Violaceae	

Road Group 25.2, 25, 20.7

Observer HS

Survey Date 7/27/2007

Description heavy weed cover along lower sections of roads - especially weedy grasses - roads are surrounded by young secondary forest and some open shrubland caused by timber harvesting - thick young Alder and young shrub along much of the roads

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Acer macrophyllum Pursh	ACMA3	bigleaf maple	Aceraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem.	AMAL2	Saskatoon serviceberry	Rosaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Bromus vulgaris (Hook.) Shear	BRVU	Columbia brome	Poaceae	
Carex deweyana Schwein.	CADE9	Dewey sedge	Cyperaceae	
Carex stipata Muhl. ex Willd.	CAST5	awlfruit sedge	Cyperaceae	
Cerastium glomeratum Thuill.	CEGL2	sticky chickweed	Caryophyllaceae	
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
Claytonia sibirica L.	CLSI2	Siberian springbeauty	Portulacaceae	
Dactylis glomerata L.	DAGL	orchardgrass	Poaceae	
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Equisetum arvense L.	EQAR	field horsetail	Equisetaceae	
Galium aparine L.	GAAP2	stickywilly	Rubiaceae	
Geranium robertianum L.	GERO	Robert geranium	Geraniaceae	B
Geum macrophyllum Willd.	GEMA4	largeleaf avens	Rosaceae	
Glyceria striata (Lam.) Hitchc.	GLST	fowl mannagrass	Poaceae	
Holcus lanatus L.	HOLA	common velvetgrass	Poaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Juncus effusus L.	JUEF	common rush	Juncaceae	
Juncus tenuis Willd.	JUTE	poverty rush	Juncaceae	
Lapsana communis L.	LACO3	common nipplewort	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Mahonia nervosa (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
Maianthemum dilatatum (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Phalaris arundinacea L.	PHAR3	reed canarygrass	Poaceae	C
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Plantago major L.	PLMA2	common plantain	Plantaginaceae	
Poa pratensis L.	POPR	Kentucky bluegrass	Poaceae	
Polygonum cuspidatum Siebold & Zucc.	POCU6	Japanese knotweed	Polygonaceae	B
Polypodium glycyrrhiza D.C. Eaton	POGL8	licorice fern	Polypodiaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Prosartes hookeri Torr.	PRHO2	drops-of-gold	Liliaceae	
Prunella vulgaris L.	PRVU	common selfheal	Lamiaceae	
Pteridium aquilinum (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	
Ranunculus repens L.	RARE3	creeping buttercup	Ranunculaceae	
Rubus armeniacus Focke	RUAR9	Himalayan blackberry	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	

Road Group 25.2, 25, 20.7

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus spectabilis Pursh	RUSP	salmonberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Rumex obtusifolius L.	RUOB	bitter dock	Polygonaceae	
Sambucus racemosa L.	SARA2	red elderberry	Caprifoliaceae	
Schedonorus phoenix (Scop.) Holub	SCPH	tall fescue	Poaceae	
Senecio jacobaea L.	SEJA	stinking willie	Asteraceae	B
Stachys chamissonis Benth. var. cooleyae (A.	STCHC3	coastal hedgenettle	Lamiaceae	
Stellaria calycantha (Ledeb.) Bong.	STCA	northern starwort	Caryophyllaceae	
Taraxacum officinale F.H. Wigg.	TAOF	common dandelion	Asteraceae	
Tellima grandiflora (Pursh) Douglas ex Lindl.	TEGR2	bigflower tellima	Saxifragaceae	
Tiarella trifoliata L.	TITR	threeleaf foamflower	Saxifragaceae	
Trifolium repens L.	TRRE3	white clover	Fabaceae	
Trillium ovatum Pursh	TROV2	Pacific trillium	Liliaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Urtica dioica L.	URDI	stinging nettle	Urticaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Verbascum thapsus L.	VEH	common mullein	Scrophulariaceae	
Vicia sativa L.	VISA	garden vetch	Fabaceae	
Viola sempervirens Greene	VISE3	evergreen violet	Violaceae	

Road Group 50.2

Observer SW

Survey Date 7/26/2007

Description

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Acer macrophyllum Pursh	ACMA3	bigleaf maple	Aceraceae	
Agrostis L.	AGROS2	bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Buddleja davidii Franch.	BUDA2	orange eye butterflybush	Buddlejaceae	B
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Crepis capillaris (L.) Wallr.	CRCA3	smooth hawksbeard	Asteraceae	
Cytisus scoparius (L.) Link	CYSC4	Scotch broom	Fabaceae	B
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Geum macrophyllum Willd.	GEMA4	largeleaf avens	Rosaceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Lonicera ciliosa (Pursh) Poir. ex DC.	LOCI3	orange honeysuckle	Caprifoliaceae	
Lotus micranthus Benth.	LOMI	desert deervetch	Fabaceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. &	POBAT	black cottonwood	Salicaceae	
Rubus armeniacus Focke	RUAR9	Himalayan blackberry	Rosaceae	
Rubus laciniatus Willd.	RULA	cutleaf blackberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Rumex acetosella L.	RUAC3	common sheep sorrel	Polygonaceae	
Tanacetum vulgare L.	TAVU	common tansy	Asteraceae	C
Trifolium dubium Sibth.	TRDU2	suckling clover	Fabaceae	
Trifolium pratense L.	TRPR2	red clover	Fabaceae	
Trifolium repens L.	TRRE3	white clover	Fabaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Verbascum thapsus L.	VEH	common mullein	Scrophulariaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	

Road Group 540, 546.2

Observer GW

Survey Date 8/17/2007

Description

ONE CULVERT BEGINNING TO UNRAVEL, ANOTHER ONE PLUGGED

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Achlys triphylla (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
Agrostis gigantea Roth	AGGI2	redtop	Poaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Anthoxanthum odoratum L.	ANOD	sweet vernalgrass	Poaceae	
Aquilegia formosa Fisch. ex DC.	AQFO	western columbine	Ranunculaceae	
Arnica latifolia Bong.	ARLA8	broadleaf arnica	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Bromus vulgaris (Hook.) Shear	BRVU	Columbia brome	Poaceae	
Calamagrostis canadensis (Michx.) P. Beauv.	CACA4	bluejoint	Poaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Carex rossii Boott	CARO5	Ross' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cystopteris fragilis (L.) Bernh.	CYFR2	brittle bladderfern	Dryopteridaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium L.	EPILO	willowherb	Onagraceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Heracleum maximum Bartram	HEMA80	common cowparsnip	Apiaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Juncus ensifolius Wikstr.	JUEN	swordleaf rush	Juncaceae	
Juncus L.	JUNCU	rush	Juncaceae	
Leontodon autumnalis L.	LEAU2	fall dandelion	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lilium columbianum Leichtlin	LICO	Columbia lily	Liliaceae	
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Lupinus lepidus Douglas ex Lindl.	LULE2	Pacific lupine	Fabaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Montia parvifolia (Moc. ex DC.) Greene	MOPA2	littleleaf minerslettuce	Portulacaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Osmorhiza berteroi DC.	OSBE	sweetcicely	Apiaceae	
Poa L.	POA	bluegrass	Poaceae	
Prunella vulgaris L.	PRVU	common selfheal	Lamiaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Ribes bracteosum Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
Rubus lasiococcus A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus pedatus Sm.	RUPE	strawberryleaf raspberry	Rosaceae	
Rubus spectabilis Pursh	RUSP	salmonberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Saxifraga odontoloma Piper	SAOD2	brook saxifrage	Saxifragaceae	
Senecio triangularis Hook.	SETR	arrowleaf ragwort	Asteraceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tiarella trifoliata L. var. unifoliata (Hook.) Kurtz	TITRU	oneleaf foamflower	Saxifragaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium L.	VACCI	blueberry	Ericaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Viola glabella Nutt.	VIGL	pioneer violet	Violaceae	

Road Group 546

Observer SW

Survey Date 8/17/2007

Description

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Achlys triphylla (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Agrostis L.	AGROS2	bentgrass	Poaceae	
Agrostis scabra Willd.	AGSC5	rough bentgrass	Poaceae	
Agrostis stolonifera L.	AGST2	creeping bentgrass	Poaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem.	AMAL2	Saskatoon serviceberry	Rosaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Anthoxanthum odoratum L.	ANOD	sweet vernalgrass	Poaceae	
Arctostaphylos uva-ursi (L.) Spreng.	ARUV	kinnikinnick	Ericaceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Asarum caudatum Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Bromus vulgaris (Hook.) Shear	BRVU	Columbia brome	Poaceae	
Campanula scouleri Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
Carex L.	CAREX	sedge	Cyperaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Claytonia sibirica L.	CLSI2	Siberian springbeauty	Portulacaceae	
Clintonia uniflora (Menzies ex Schult. & Schult. f.)	CLUN2	bride's bonnet	Liliaceae	
Danthonia intermedia Vasey	DAIN	timber oatgrass	Poaceae	
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Epilobium luteum Pursh	EPLU	yellow willowherb	Onagraceae	
Equisetum L.	EQUIS	horsetail	Equisetaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Fragaria virginiana Duchesne	FRVI	Virginia strawberry	Rosaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Glyceria striata (Lam.) Hitchc.	GLST	fowl mannagrass	Poaceae	
Hieracium biflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Juncus effusus L.	JUEF	common rush	Juncaceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lilium columbianum Leichtlin	LICO	Columbia lily	Liliaceae	
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Luzula comosa E. Mey.	LUCO6	Pacific woodrush	Juncaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Maianthemum dilatatum (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
Maianthemum stellatum (L.) Link	MAST4	starry false lily of the valley	Liliaceae	
Mimulus guttatus DC.	MIGU	seep monkeyflower	Scrophulariaceae	
Moehringia macrophylla (Hook.) Fenzl	MOMA3	largeleaf sandwort	Caryophyllaceae	
Montia parvifolia (Moc. ex DC.) Greene	MOPA2	littleleaf minerslettuce	Portulacaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Oplopanax horridus (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
Orthilia secunda (L.) House	ORSE	sidebells wintergreen	Pyrolaceae	
Osmorhiza berteroi DC.	OSBE	sweetcicely	Apiaceae	
Paxistima myrsinites (Pursh) Raf.	PAMY	Oregon boxleaf	Celastraceae	
Pentstemon serrulatus Menzies ex Sm.	PESE5	serrulate penstemon	Scrophulariaceae	

Road Group 546

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Pinus monticola</i> Douglas ex D. Don	PIMO3	western white pine	Pinaceae	
<i>Platanthera stricta</i> Lindl.	PLST4	slender bog orchid	Orchidaceae	
<i>Polygonum minimum</i> S. Watson	POMI2	broadleaf knotweed	Polygonaceae	
<i>Polystichum munitum</i> (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
<i>Prosartes</i> D. Don	PROSA		Liliaceae	
<i>Prunella vulgaris</i> L. ssp. <i>lanceolata</i> (W. Bartram)	PRVUL2	lance selfheal	Lamiaceae	
<i>Pseudotsuga menziesii</i> (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
<i>Pteridium aquilinum</i> (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	
<i>Ribes bracteosum</i> Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
<i>Rosa gymnocarpa</i> Nutt.	ROGY	dwarf rose	Rosaceae	
<i>Rubus lasiococcus</i> A. Gray	RULA2	roughfruit berry	Rosaceae	
<i>Rubus leucodermis</i> Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
<i>Rubus parviflorus</i> Nutt.	RUPA	thimbleberry	Rosaceae	
<i>Rubus spectabilis</i> Pursh	RUSP	salmonberry	Rosaceae	
<i>Rubus ursinus</i> Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
<i>Salix scouleriana</i> Barratt ex Hook.	SASC	Scouler's willow	Salicaceae	
<i>Salix sitchensis</i> Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
<i>Sambucus racemosa</i> L.	SARA2	red elderberry	Caprifoliaceae	
<i>Saxifraga ferruginea</i> Graham	SAFE	russethair saxifrage	Saxifragaceae	
<i>Senecio sylvaticus</i> L.	SESY	woodland ragwort	Asteraceae	
<i>Solidago canadensis</i> L.	SOCA6	Canada goldenrod	Asteraceae	
<i>Spiraea</i> L.	SPIRA	spirea	Rosaceae	
<i>Taraxacum officinale</i> F.H. Wigg.	TAOF	common dandelion	Asteraceae	
<i>Thuja plicata</i> Donn ex D. Don	THPL	western redcedar	Cupressaceae	
<i>Tolmiea menziesii</i> (Pursh) Torr. & A. Gray	TOME	youth on age	Saxifragaceae	
<i>Trillium ovatum</i> Pursh	TROV2	Pacific trillium	Liliaceae	
<i>Trisetum canescens</i> Buckley	TRCA21	tall trisetum	Poaceae	
<i>Tsuga heterophylla</i> (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
<i>Vaccinium</i> L.	VACCI	blueberry	Ericaceae	
<i>Vaccinium parvifolium</i> Sm.	VAPA	red huckleberry	Ericaceae	
<i>Veronica</i> L.	VERON	speedwell	Scrophulariaceae	
<i>Veronica officinalis</i> L.	VEOF2	common gypsyweed	Scrophulariaceae	
<i>Viola glabella</i> Nutt.	VIGL	pioneer violet	Violaceae	
<i>Viola orbiculata</i> Geyer ex Holz.	VIOR	darkwoods violet	Violaceae	
<i>Xerophyllum tenax</i> (Pursh) Nutt.	XETE	common beargrass	Liliaceae	

Road Group 617

Observer SW

Survey Date 8/10/2007

Description

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Abies amabilis</i> (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
<i>Acer circinatum</i> Pursh	ACCI	vine maple	Aceraceae	
<i>Agrostis</i> L.	AGROS2	bentgrass	Poaceae	
<i>Alnus rubra</i> Bong.	ALRU2	red alder	Betulaceae	
<i>Alnus viridis</i> (Chaix) DC. ssp. <i>sinuata</i> (Regel) A.	ALVIS	Sitka alder	Betulaceae	
<i>Arnica latifolia</i> Bong.	ARLA8	broadleaf arnica	Asteraceae	
<i>Aruncus dioicus</i> (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
<i>Blechnum spicant</i> (L.) Sm.	BLSP	deer fern	Blechnaceae	
<i>Carex</i> L.	CAREX	sedge	Cyperaceae	
<i>Carex mertensii</i> Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
<i>Chamerion angustifolium</i> (L.) Holub	CHAN9	fireweed	Onagraceae	
<i>Cirsium vulgare</i> (Savi) Ten.	CIVU	bull thistle	Asteraceae	
<i>Clintonia uniflora</i> (Menzies ex Schult. & Schult. f.)	CLUN2	bride's bonnet	Liliaceae	
<i>Digitalis purpurea</i> L.	DIPU	purple foxglove	Scrophulariaceae	
<i>Elymus glaucus</i> Buckley	ELGL	blue wildrye	Poaceae	
<i>Festuca rubra</i> L.	FERU2	red fescue	Poaceae	

C

Road Group 617

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Galium triflorum</i> Michx.	GATR3	fragrant bedstraw	Rubiaceae	
<i>Gaultheria ovatifolia</i> A. Gray	GAOV2	western teaberry	Ericaceae	
<i>Hieracium albiflorum</i> Hook.	HIAL2	white hawkweed	Asteraceae	
<i>Hieracium lachenalii</i> C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
<i>Holodiscus discolor</i> (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
<i>Hypericum perforatum</i> L.	HYPE	common St. Johnswort	Clusiaceae	C
<i>Leucanthemum vulgare</i> Lam.	LEVU	oxeye daisy	Asteraceae	B
<i>Linnaea borealis</i> L.	LIBO3	twinflower	Caprifoliaceae	
<i>Luzula comosa</i> E. Mey.	LUCO6	Pacific woodrush	Juncaceae	
<i>Luzula parviflora</i> (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
<i>Menziesia ferruginea</i> Sm.	MEFE	rusty menziesia	Ericaceae	
<i>Osmorhiza berteroi</i> DC.	OSBE	sweetcicely	Apiaceae	
<i>Petasites frigidus</i> (L.) Fr. var. <i>palmaris</i> (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
<i>Populus balsamifera</i> L. ssp. <i>trichocarpa</i> (Torr. & Grah.) W.A. Weber	POBAT	black cottonwood	Salicaceae	
<i>Pseudognaphalium canescens</i> (DC.) W.A. Weber	PSCAT	Wright's cudweed	Asteraceae	
<i>Pseudotsuga menziesii</i> (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
<i>Rubus lasiococcus</i> A. Gray	RULA2	roughfruit berry	Rosaceae	
<i>Rubus parviflorus</i> Nutt.	RUPA	thimbleberry	Rosaceae	
<i>Rubus spectabilis</i> Pursh	RUSP	salmonberry	Rosaceae	
<i>Rubus ursinus</i> Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
<i>Salix scouleriana</i> Barratt ex Hook.	SASC	Scouler's willow	Salicaceae	
<i>Saxifraga ferruginea</i> Graham	SAFE	russethair saxifrage	Saxifragaceae	
<i>Solidago canadensis</i> L.	SOCA6	Canada goldenrod	Asteraceae	
<i>Thuja plicata</i> Donn ex D. Don	THPL	western redcedar	Cupressaceae	
<i>Tiarella trifoliata</i> L. var. <i>unifoliata</i> (Hook.) Kurtz	TITRU	oneleaf foamflower	Saxifragaceae	
<i>Trientalis borealis</i> Raf. ssp. <i>latifolia</i> (Hook.) Hultén	TRBOL	broadleaf starflower	Primulaceae	
<i>Trisetum canescens</i> Buckley	TRCA21	tall trisetum	Poaceae	
<i>Tsuga heterophylla</i> (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
<i>Vaccinium</i> L.	VACCI	blueberry	Ericaceae	
<i>Vaccinium parvifolium</i> Sm.	VAPA	red huckleberry	Ericaceae	
<i>Vahlodea atropurpurea</i> (Wahlenb.) Fr. ex Hartm.	VAAT2	mountain hairgrass	Poaceae	
<i>Veratrum</i> L.	VERAT	false hellebore	Liliaceae	
<i>Veronica officinalis</i> L.	VEOF2	common gypsyweed	Scrophulariaceae	
<i>Viola orbiculata</i> Geyer ex Holz.	VIOR	darkwoods violet	Violaceae	
<i>Xerophyllum tenax</i> (Pursh) Nutt.	XETE	common beargrass	Liliaceae	

Road Group 619

Observer HS

Survey Date 8/5/2007

Description Road dominated by young conifers. Surrounded by young conifer forest. No signs of erosion

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Abies amabilis</i> (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
<i>Acer circinatum</i> Pursh	ACCI	vine maple	Aceraceae	
<i>Acer glabrum</i> Torr.	ACGL	Rocky Mountain maple	Aceraceae	
<i>Achlys triphylla</i> (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
<i>Alnus viridis</i> (Chaix) DC. ssp. <i>sinuata</i> (Regel) A.	ALVIS	Sitka alder	Betulaceae	
<i>Anaphalis margaritacea</i> (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
<i>Aruncus dioicus</i> (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
<i>Athyrium filix-femina</i> (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
<i>Blechnum spicant</i> (L.) Sm.	BLSP	deer fern	Blechnaceae	
<i>Carex deweyana</i> Schwein.	CADE9	Dewey sedge	Cyperaceae	
<i>Carex</i> L.	CAREX	sedge	Cyperaceae	
<i>Carex mertensii</i> Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
<i>Chamerion angustifolium</i> (L.) Holub	CHAN9	fireweed	Onagraceae	
<i>Chimaphila menziesii</i> (R. Br. ex D. Don) Spreng.	CHME	little prince's pine	Pyrolaceae	
<i>Chimaphila umbellata</i> (L.) W. Bartram	CHUM	pipsissewa	Pyrolaceae	
<i>Clintonia uniflora</i> (Menzies ex Schult. & Schult. f.)	CLUN2	bride's bonnet	Liliaceae	

Road Group 619

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Cornus unalaschensis Ledeb.	COUN	western cordilleran	Cornaceae	
Dryopteris expansa (C. Presl) Fraser-Jenkins & Epilobium ciliatum Raf.	DREX2	spreading woodfern	Dryopteridaceae	
Gaultheria ovatifolia A. Gray	EPCI	fringed willowherb	Onagraceae	
Goodyera oblongifolia Raf.	GAOV2	western teaberry	Ericaceae	
Hieracium albiflorum Hook.	GOOB2	western rattlesnake plantain	Orchidaceae	
Holodiscus discolor (Pursh) Maxim.	HIAL2	white hawkweed	Asteraceae	
Lilium columbianum Leichtlin	HODI	oceanspray	Rosaceae	
Linnaea borealis L.	LICO	Columbia lily	Liliaceae	
Lupinus latifolius Lindl. ex J. Agardh	LIBO3	twinflower	Caprifoliaceae	
Luzula parviflora (Ehrh.) Desv.	LULA4	broadleaf lupine	Fabaceae	
Lycopodium clavatum L.	LUPA4	smallflowered woodrush	Juncaceae	
Maianthemum stellatum (L.) Link	LYCL	running clubmoss	Lycopodiaceae	
Menziesia ferruginea Sm.	MAST4	starry false lily of the valley	Liliaceae	
Mycelis muralis (L.) Dumort.	MEFE	rusty menziesia	Ericaceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	MYMU	wall-lettuce	Asteraceae	
Oplopanax horridus (Sm.) Miq.	NONE3	woodland beardtongue	Scrophulariaceae	
Orthilia secunda (L.) House	OPHO	devilsclub	Araliaceae	
Polystichum munitum (Kaulf.) C. Presl	ORSE	sidebells wintergreen	Pyrolaceae	
Pseudotsuga menziesii (Mirb.) Franco	POMU	western swordfern	Dryopteridaceae	
Ribes bracteosum Douglas ex Hook.	PSME	Douglas-fir	Pinaceae	
Rosa gymnocarpa Nutt.	RIBR	stink currant	Grossulariaceae	
Rubus lasiococcus A. Gray	ROGY	dwarf rose	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus parviflorus Nutt.	RULE	whitebark raspberry	Rosaceae	
Rubus spectabilis Pursh	RUPA	thimbleberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUSP	salmonberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	RUUR	California blackberry	Rosaceae	
Sambucus racemosa L.	SASI2	Sitka willow	Salicaceae	
Sorbus sitchensis M. Roem.	SARA2	red elderberry	Caprifoliaceae	
Spiraea splendens Baumann ex K. Koch var.	SOSI2	western mountain ash	Rosaceae	
Thuja plicata Donn ex D. Don	SPSPS	rose meadowsweet	Rosaceae	
Tiarella trifoliata L.	THPL	western redcedar	Cupressaceae	
Trientalis borealis Raf. ssp. latifolia (Hook.) Hultén	TITR	threeleaf foamflower	Saxifragaceae	
Trillium ovatum Pursh	TRBOL	broadleaf starflower	Primulaceae	
Trisetum canescens Buckley	TROV2	Pacific trillium	Liliaceae	
Tsuga heterophylla (Raf.) Sarg.	TRCA21	tall trisetum	Poaceae	
Vaccinium ovalifolium Sm.	TSHE	western hemlock	Pinaceae	
Vaccinium parvifolium Sm.	VAOV	oval-leaf blueberry	Ericaceae	
Veronica officinalis L.	VAPA	red huckleberry	Ericaceae	
Viola orbiculata Geyer ex Holz.	VEOF2	common gypsyweed	Scrophulariaceae	
Xerophyllum tenax (Pursh) Nutt.	VIOR	darkwoods violet	Violaceae	
	XETE	common beargrass	Liliaceae	

Road Group 621

Observer HS

Survey Date 8/5/2007

Description A few small scree slides on road. Surrounded by large clear cut. Some thick patches of shrubs and alder in road bed.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Loudon) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Agrostis scabra Willd.	AGSC5	rough bentgrass	Poaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem.	AMAL2	Saskatoon serviceberry	Rosaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Arctostaphylos uva-ursi (L.) Spreng.	ARUV	kinnikinnick	Ericaceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	

Road Group 621

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Carex L.	CAREX	sedge	Cyperaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Carex spectabilis Dewey	CASP5	showy sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cornus unalaschkensis Ledeb.	COUN	western cordilleran	Cornaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Gaultheria ovatifolia A. Gray	GAOV2	western teaberry	Ericaceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Orthilia secunda (L.) House	ORSE	sidebells wintergreen	Pyrolaceae	
Osmorhiza berteroi DC.	OSBE	sweetcicely	Apiaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Pseudotsuga menziesii (Mirb.) Franco	POBAT	black cottonwood	Salicaceae	
Rubus lasiococcus A. Gray	PSME	Douglas-fir	Pinaceae	
Rubus parviflorus Nutt.	RULA2	roughfruit berry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUPA	thimbleberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	RUUR	California blackberry	Rosaceae	
Saxifraga ferruginea Graham	SASI2	Sitka willow	Salicaceae	
Sorbus sitchensis M. Roem.	SAFE	russethair saxifrage	Saxifragaceae	
Spiraea splendens Baumann ex K. Koch var.	SOSI2	western mountain ash	Rosaceae	
Thuja plicata Donn ex D. Don	SPSPS	rose meadowsweet	Rosaceae	
Trisetum canescens Buckley	THPL	western redcedar	Cupressaceae	
Tsuga heterophylla (Raf.) Sarg.	TRCA21	tall trisetum	Poaceae	
Vaccinium ovalifolium Sm.	TSHE	western hemlock	Pinaceae	
Vahlodea atropurpurea (Wahlenb.) Fr. ex Hartm.	VAOV	oval-leaf blueberry	Ericaceae	
Veronica officinalis L.	VAAT2	mountain hairgrass	Poaceae	
Xerophyllum tenax (Pursh) Nutt.	VEOF2	common gypsyweed	Scrophulariaceae	
	XETE	common beargrass	Liliaceae	

Road Group 640.1

Observer GW

Survey Date 8/9/2007

Description Road goes through large clear cut. Some landslides and road failure. Road follows contours on steep hillside. Some thick patches of Alder and shrubs

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Acer glabrum Torr.	ACGL	Rocky Mountain maple	Aceraceae	
Agrostis stolonifera L.	AGST2	creeping bentgrass	Poaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Calamagrostis canadensis (Michx.) P. Beauv.	CACA4	bluejoint	Poaceae	
Cinna latifolia (Trevis. ex Goepf.) Griseb.	CILA2	drooping woodreed	Poaceae	
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Gaultheria ovatifolia A. Gray	GAOV2	western teaberry	Ericaceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B

Road Group 640.1

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Juncus ensifolius Wikstr.	JUEN	swordleaf rush	Juncaceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Oplopanax horridus (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Pteridium aquilinum (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	
Ribes lacustre (Pers.) Poir.	RILA	prickly currant	Grossulariaceae	
Rubus laciniatus Willd.	RULA	cutleaf blackberry	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus spectabilis Pursh	RUSP	salmonberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
Sambucus racemosa L.	SARA2	red elderberry	Caprifoliaceae	
Spiraea L.	SPIRA	spirea	Rosaceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tolmiea menziesii (Pursh) Torr. & A. Gray	TOME	youth on age	Saxifragaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	

Road Group 700C

Observer GW

Survey Date 8/12/2007

Description

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Agoseris grandiflora (Nutt.) Greene	AGGR	bigflower agoseris	Asteraceae	C
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Agrostis gigantea Roth	AGGI2	redtop	Poaceae	
Agrostis scabra Willd.	AGSC5	rough bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem.	AMAL2	Saskatoon serviceberry	Rosaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Calamagrostis Adans.	CALAM	reedgrass	Poaceae	
Centaurea erythraea Rafn	CEER5	European centaury	Gentianaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf. ssp. watsonii (Barbey)	EPCIW	fringed willowherb	Onagraceae	
Epilobium L.	EPILO	willowherb	Onagraceae	
Equisetum arvense L.	EQAR	field horsetail	Equisetaceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Gaultheria ovatifolia A. Gray	GAOV2	western teaberry	Ericaceae	
Heracleum maximum Bartram	HEMA80	common cowparsnip	Apiaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	C
Hypericum anagalloides Cham. & Schltdl.	HYAN2	tinker's penny	Clusiaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	B
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	
Juncus effusus L.	JUEF	common rush	Juncaceae	B
Juncus ensifolius Wikstr.	JUEN	swordleaf rush	Juncaceae	
Juncus L.	JUNCU	rush	Juncaceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	
Lotus pedunculatus Cav.	LOPE80	big trefoil	Fabaceae	

Road Group 700C

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Lupinus lepidus Douglas ex Lindl.	LULE2	Pacific lupine	Fabaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Mimulus guttatus DC.	MIGU	seep monkeyflower	Scrophulariaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Plantago major L.	PLMA2	common plantain	Plantaginaceae	
Prunella vulgaris L.	PRVU	common selfheal	Lamiaceae	
Ranunculus repens L.	RARE3	creeping buttercup	Ranunculaceae	
Ranunculus uncinatus D. Don ex G. Don	RAUN	woodland buttercup	Ranunculaceae	
Rubus lasiococcus A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rumex acetosa L.	RUAC2	garden sorrel	Polygonaceae	
Salix scouleriana Barratt ex Hook.	SASC	Scouler's willow	Salicaceae	
Senecio triangularis Hook.	SETR	arrowleaf ragwort	Asteraceae	
Solidago canadensis L.	SOCA6	Canada goldenrod	Asteraceae	
Taraxacum officinale F.H. Wigg.	TAOF	common dandelion	Asteraceae	
Triantha occidentalis (S. Watson) Gates ssp.	TROCB	sticky tofieldia	Liliaceae	
Trifolium hybridum L.	TRHY	alsike clover	Fabaceae	
Trifolium repens L.	TRRE3	white clover	Fabaceae	
Veratrum viride Aiton	VEVI	green false hellebore	Liliaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Xerophyllum tenax (Pursh) Nutt.	XETE	common beargrass	Liliaceae	

Road Group 710

Observer GW

Survey Date 8/18/2007

Description Parts of road over grown with Salix & ALRU less than 20ft tall. Road failure near junction with rd 714.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Agrostis gigantea Roth	AGGI2	redtop	Poaceae	
Agrostis stolonifera L.	AGST2	creeping bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Asarum caudatum Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Dactylis glomerata L.	DAGL	orchardgrass	Poaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium L.	EPILO	willowherb	Onagraceae	
Equisetum arvense L.	EQAR	field horsetail	Equisetaceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Festuca occidentalis Hook.	FEOC	western fescue	Poaceae	
Geum macrophyllum Willd.	GEMA4	largeleaf avens	Rosaceae	
Glyceria striata (Lam.) Hitchc.	GLST	fowl mannagrass	Poaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leontodon autumnalis L.	LEAU2	fall dandelion	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Lupinus lepidus Douglas ex Lindl.	LULE2	Pacific lupine	Fabaceae	
Luzula multiflora (Ehrh.) Lej.	LUMU2	common woodrush	Juncaceae	

Road Group 710

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Mimulus guttatus DC.	MIGU	seep monkeyflower	Scrophulariaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Phleum pratense L.	PHPR3	timothy	Poaceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Plantago major L.	PLMA2	common plantain	Plantaginaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Prunella vulgaris L.	POBAT	black cottonwood	Salicaceae	
Pseudotsuga menziesii (Mirb.) Franco	PRVU	common selfheal	Lamiaceae	
Ranunculus repens L.	PSME	Douglas-fir	Pinaceae	
Ribes bracteosum Douglas ex Hook.	RARE3	creeping buttercup	Ranunculaceae	
Ribes lacustre (Pers.) Poir.	RIBR	stink currant	Grossulariaceae	
Rubus lasiococcus A. Gray	RILA	prickly currant	Grossulariaceae	
Rubus parviflorus Nutt.	RULA2	roughfruit berry	Rosaceae	
Rubus spectabilis Pursh	RUPA	thimbleberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUSP	salmonberry	Rosaceae	
Sagina L.	RUUR	California blackberry	Rosaceae	
Salix scouleriana Barratt ex Hook.	SAGIN	pearlwort	Caryophyllaceae	
Solidago canadensis L.	SASC	Scouler's willow	Salicaceae	
Thuja plicata Donn ex D. Don	SOCA6	Canada goldenrod	Asteraceae	
Tolmiea menziesii (Pursh) Torr. & A. Gray	THPL	western redcedar	Cupressaceae	
Trifolium repens L.	TOME	youth on age	Saxifragaceae	
Trisetum canescens Buckley	TRRE3	white clover	Fabaceae	
Tsuga heterophylla (Raf.) Sarg.	TRCA21	tall trisetum	Poaceae	
Vaccinium alaskaensis Howell	TSHE	western hemlock	Pinaceae	
	VAAL3	Alaska blueberry	Ericaceae	

Road Group 712

Observer GW **Survey Date** 8/18/2007

Description Washout on first turn of this road. Cover of Alder, hemlock, and Salix

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Loudon) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Adenocaulon bicolor Hook.	ADBI	American trailplant	Asteraceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Carex rossii Boott	CARO5	Ross' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Equisetum telmateia Ehrh.	EQTE	giant horsetail	Equisetaceae	
Heracleum maximum Bartram	HEMA80	common cowparsnip	Apiaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hieracium caespitosum Dumort.	HICA10	meadow hawkweed	Asteraceae	B
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Juncus ensifolius Wikstr.	JUEN	swordleaf rush	Juncaceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lupinus lepidus Douglas ex Lindl.	LULE2	Pacific lupine	Fabaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Pseudotsuga menziesii (Mirb.) Franco	POBAT	black cottonwood	Salicaceae	
Rubus lasiococcus A. Gray	PSME	Douglas-fir	Pinaceae	
Rubus spectabilis Pursh	RULA2	roughfruit berry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUSP	salmonberry	Rosaceae	
	RUUR	California blackberry	Rosaceae	

Road Group 712

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Salix scouleriana Barratt ex Hook.	SASC	Scouler's willow	Salicaceae	
Spiraea L.	SPIRA	spirea	Rosaceae	
Stachys chamissonis Benth. var. cooleyae (A.	STCHC3	coastal hedgenettle	Lamiaceae	
Tuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Trautvetteria carolinensis (Walter) Vail	TRCA	Carolina bugbane	Ranunculaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Viola sempervirens Greene	WISE3	evergreen violet	Violaceae	

Road Group 714

Observer GW

Survey Date 8/18/2007

Description Parts of road over grown with Salix & ALRU less than 20ft tall. Road failure near switchback

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Agoseris grandiflora (Nutt.) Greene	AGGR	bigflower agoseris	Asteraceae	
Agrostis gigantea Roth	AGGI2	redtop	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Bromus pacificus Shear	BRPA3	Pacific brome	Poaceae	
Bromus vulgaris (Hook.) Shear	BRVU	Columbia brome	Poaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
Cirsium brevistylum Cronquist	CIBR2	clustered thistle	Asteraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Cornus unalaschkensis Ledeb.	COUN	western cordilleran	Cornaceae	
Cystopteris fragilis (L.) Bernh.	CYFR2	brittle bladderfern	Dryopteridaceae	
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Equisetum arvense L.	EQAR	field horsetail	Equisetaceae	
Equisetum telmateia Ehrh.	EQTE	giant horsetail	Equisetaceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Glyceria striata (Lam.) Hitchc.	GLST	fowl mannagrass	Poaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Juncus ensifolius Wikstr.	JUEN	swordleaf rush	Juncaceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Lycopodium annotinum L.	LYAN2	stiff clubmoss	Lycopodiaceae	
Mahonia nervosa (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Prunella vulgaris L.	PRVU	common selfheal	Lamiaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Ribes bracteosum Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
Ribes lacustre (Pers.) Poir.	RILA	prickly currant	Grossulariaceae	
Rubus lasiococcus A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus spectabilis Pursh	RUSP	salmonberry	Rosaceae	

Road Group 714

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	B
Salix lucida Muhl. ssp. lasiandra (Benth.) E. Murray	SALUL	Pacific willow	Salicaceae	
Salix scouleriana Barratt ex Hook.	SASC	Scouler's willow	Salicaceae	
Scirpus microcarpus J. Presl & C. Presl	SCMI2	panicled bulrush	Cyperaceae	
Senecio jacobaea L.	SEJA	stinking willie	Asteraceae	
Senecio triangularis Hook.	SETR	arrowleaf ragwort	Asteraceae	
Solidago canadensis L.	SOCA6	Canada goldenrod	Asteraceae	
Sorbus sitchensis M. Roem.	SOSI2	western mountain ash	Rosaceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tolmiea menziesii (Pursh) Torr. & A. Gray	TOME	youth on age	Saxifragaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium alaskaense Howell	VAAL3	Alaska blueberry	Ericaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Viola sempervirens Greene	WISE3	evergreen violet	Violaceae	

Road Group 72.5

Observer SW

Survey Date 7/31/2007

Description Road is through old clear-cut

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	B
Agrostis exarata Trin.	AGEX	spike bentgrass	Poaceae	
Agrostis L.	AGROS2	bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Artemisia suksdorfii Piper	ARSU4	coastal wormwood	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Centaurium erythraea Rafn	CEER5	European centaury	Gentianaceae	
Cerastium fontanum Baumg.	CEFO2	common mouse-ear	Caryophyllaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Crepis capillaris (L.) Wallr.	CRCA3	smooth hawksbeard	Asteraceae	
Cytisus scoparius (L.) Link	CYSC4	Scotch broom	Fabaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	B
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Gamochaeta purpurea (L.) Cabrera	GAPU3	spoonleaf purple everlasting	Asteraceae	
Geum macrophyllum Willd.	GEMA4	largeleaf avens	Rosaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holcus lanatus L.	HOLA	common velvetgrass	Poaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	
Lotus micranthus Benth.	LOMI	desert deervetch	Fabaceae	
Lotus pedunculatus Cav.	LOPE80	big trefoil	Fabaceae	C
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Plantago major L.	PLMA2	common plantain	Plantaginaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Prunella vulgaris L.	POBAT	black cottonwood	Salicaceae	
Pteridium aquilinum (L.) Kuhn	PRVU	common selfheal	Lamiaceae	
Ranunculus repens L.	PTAQ	western brackenfern	Dennstaedtiaceae	
Rubus parviflorus Nutt.	RARE3	creeping buttercup	Ranunculaceae	
Rubus spectabilis Pursh	RUPA	thimbleberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUSP	salmonberry	Rosaceae	
	RUUR	California blackberry	Rosaceae	

Road Group 72.5

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Sagina procumbens L.	SAPR	birdeye pearlwort	Caryophyllaceae	B
Salix sitchensis Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
Senecio jacobaea L.	SEJA	stinking willie	Asteraceae	
Solidago canadensis L.	SOCA6	Canada goldenrod	Asteraceae	
Tiarella trifoliata L. var. trifoliata	TTTRT	threeleaf foamflower	Saxifragaceae	
Trifolium repens L.	TRRE3	white clover	Fabaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	

Road Group 74

Observer HS

Survey Date 7/31/2007

Description A few wash outs near streams and eroding road edges along this road.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	C
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Asarum caudatum Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Bromus vulgaris (Hook.) Shear	BRVU	Columbia brome	Poaceae	
Campanula scouleri Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
Carex deweyana Schwein.	CADE9	Dewey sedge	Cyperaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Carex microptera Mack.	CAMI7	smallwing sedge	Cyperaceae	
Cerastium glomeratum Thuill.	CEGL2	sticky chickweed	Caryophyllaceae	
Circaea alpina L.	CIAL	small enchanter's nightshade	Onagraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	
Claytonia sibirica L.	CLSI2	Siberian springbeauty	Portulacaceae	
Cornus unalaschensis Ledeb.	COUN	western cordilleran	Cornaceae	
Corydalis scouleri Hook.	COSC4	Scouler's fumewort	Fumariaceae	
Deschampsia elongata (Hook.) Munro	DEEL	slender hairgrass	Poaceae	
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Equisetum telmateia Ehrh.	EQTE	giant horsetail	Equisetaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Festuca subulata Trin.	FESU	bearded fescue	Poaceae	
Galium aparine L.	GAAP2	stickywilly	Rubiaceae	
Geranium robertianum L.	GERO	Robert geranium	Geraniaceae	
Geum macrophyllum Willd.	GEMA4	largeleaf avens	Rosaceae	
Glyceria striata (Lam.) Hitchc.	GLST	fowl mannagrass	Poaceae	
Heracleum maximum Bartram	HEMA80	common cowparsnip	Apiaceae	
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	
Holcus lanatus L.	HOLA	common velvetgrass	Poaceae	
Hydrophyllum tenuipes A. Heller	HYTE	Pacific waterleaf	Hydrophyllaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	
Juncus effusus L.	JUEF	common rush	Juncaceae	
Juncus tenuis Willd.	JUTE	poverty rush	Juncaceae	
Lapsana communis L.	LACO3	common nipplewort	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Mahonia nervosa (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	

Road Group 74

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Maianthemum stellatum</i> (L.) Link	MAST4	starry false lily of the valley	Liliaceae	
<i>Mimulus guttatus</i> DC.	MIGU	seep monkeyflower	Scrophulariaceae	
<i>Mitella</i> L.	MITEL	miterwort	Saxifragaceae	
<i>Mycelis muralis</i> (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
<i>Oenanthe sarmentosa</i> C. Presl ex DC.	OESA	water parsely	Apiaceae	
<i>Osmorhiza berteroi</i> DC.	OSBE	sweetcicely	Apiaceae	
<i>Petasites frigidus</i> (L.) Fr. var. <i>palmatus</i> (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
<i>Phacelia nemoralis</i> Greene	PHNE2	shade phacelia	Hydrophyllaceae	
<i>Plantago lanceolata</i> L.	PLLA	narrowleaf plantain	Plantaginaceae	
<i>Plantago major</i> L.	PLMA2	common plantain	Plantaginaceae	
<i>Polystichum munitum</i> (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
<i>Prunella vulgaris</i> L.	PRVU	common selfheal	Lamiaceae	
<i>Pseudotsuga menziesii</i> (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
<i>Ranunculus repens</i> L.	RARE3	creeping buttercup	Ranunculaceae	
<i>Ranunculus uncinatus</i> D. Don ex G. Don	RAUN	woodland buttercup	Ranunculaceae	
<i>Ribes bracteosum</i> Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
<i>Ribes lacustre</i> (Pers.) Poir.	RILA	prickly currant	Grossulariaceae	
<i>Rosa gymnocarpa</i> Nutt.	ROGY	dwarf rose	Rosaceae	
<i>Rubus leucodermis</i> Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
<i>Rubus parviflorus</i> Nutt.	RUPA	thimbleberry	Rosaceae	
<i>Rubus spectabilis</i> Pursh	RUSP	salmonberry	Rosaceae	
<i>Rubus ursinus</i> Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
<i>Rumex obtusifolius</i> L.	RUOB	bitter dock	Polygonaceae	
<i>Sambucus racemosa</i> L.	SARA2	red elderberry	Caprifoliaceae	
<i>Solidago canadensis</i> L.	SOCA6	Canada goldenrod	Asteraceae	
<i>Stachys chamissonis</i> Benth. var. <i>cooleyae</i> (A.	STCHC3	coastal hedgenettle	Lamiaceae	
<i>Stellaria calycantha</i> (Ledeb.) Bong.	STCA	northern starwort	Caryophyllaceae	
<i>Tellima grandiflora</i> (Pursh) Douglas ex Lindl.	TEGR2	bigflower tellima	Saxifragaceae	
<i>Thuja plicata</i> Donn ex D. Don	THPL	western redcedar	Cupressaceae	
<i>Tiarella trifoliata</i> L.	TITR	threeleaf foamflower	Saxifragaceae	
<i>Tolmiea menziesii</i> (Pursh) Torr. & A. Gray	TOME	youth on age	Saxifragaceae	
<i>Trientalis borealis</i> Raf. ssp. <i>latifolia</i> (Hook.) Hultén	TRBOL	broadleaf starflower	Primulaceae	
<i>Trillium ovatum</i> Pursh	TROV2	Pacific trillium	Liliaceae	
<i>Tsuga heterophylla</i> (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
<i>Vaccinium parvifolium</i> Sm.	VAPA	red huckleberry	Ericaceae	
<i>Veronica americana</i> Schwein. ex Benth.	VEAM2	American speedwell	Scrophulariaceae	
<i>Veronica chamaedrys</i> L.	VECH	germander speedwell	Scrophulariaceae	
<i>Viola glabella</i> Nutt.	VIGL	pioneer violet	Violaceae	
<i>Viola sempervirens</i> Greene	VISE3	evergreen violet	Violaceae	

Road Group 770

Observer SW

Survey Date 8/11/2007

Description Road in good condition

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Abies amabilis</i> (Douglas ex Loudon) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
<i>Agrostis capillaris</i> L.	AGCA5	colonial bentgrass	Poaceae	
<i>Agrostis gigantea</i> Roth	AGGI2	redtop	Poaceae	
<i>Agrostis</i> L.	AGROS2	bentgrass	Poaceae	
<i>Agrostis scabra</i> Willd.	AGSC5	rough bentgrass	Poaceae	
<i>Alnus viridis</i> (Chaix) DC. ssp. <i>sinuata</i> (Regel) A.	ALVIS	Sitka alder	Betulaceae	
<i>Anaphalis margaritacea</i> (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
<i>Arctostaphylos uva-ursi</i> (L.) Spreng.	ARUV	kinnikinnick	Ericaceae	
<i>Arnica latifolia</i> Bong.	ARLA8	broadleaf arnica	Asteraceae	
<i>Aruncus dioicus</i> (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
<i>Athyrium filix-femina</i> (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
<i>Calamagrostis canadensis</i> (Michx.) P. Beauv.	CACA4	bluejoint	Poaceae	

Road Group 770

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Centaurea L.	CENTA	knapweed	Asteraceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
Cornus unalaschensis Ledeb.	COUN	western cordilleran	Cornaceae	
Dactylis glomerata L.	DAGL	orchardgrass	Poaceae	
Delphinium glaucum S. Watson	DEGL3	Sierra larkspur	Ranunculaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Eleocharis R. Br.	ELEOC	spikerush	Cyperaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium L.	EPILO	willowherb	Onagraceae	
Epilobium luteum Pursh	EPLU	yellow willowherb	Onagraceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Juncus effusus L.	JUEF	common rush	Juncaceae	
Juncus ensifolius Wikstr.	JUEN	swordleaf rush	Juncaceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Lupinus lepidus Douglas ex Lindl.	LULE2	Pacific lupine	Fabaceae	
Luzula comosa E. Mey.	LUCO6	Pacific woodrush	Juncaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mimulus guttatus DC.	MIGU	seep monkeyflower	Scrophulariaceae	
Montia parvifolia (Moc. ex DC.) Greene	MOPA2	littleleaf minerslettuce	Portulacaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Osmorhiza berteroi DC.	OSBE	sweetcicely	Apiaceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Plantago major L.	PLMA2	common plantain	Plantaginaceae	
Polygonum minimum S. Watson	POMI2	broadleaf knotweed	Polygonaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. &	POBAT	black cottonwood	Salicaceae	
Prunella vulgaris L.	PRVU	common selfheal	Lamiaceae	
Ribes bracteosum Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
Rubus lasiococcus A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus spectabilis Pursh	RUSP	salmonberry	Rosaceae	
Sagina procumbens L.	SAPR	birdeye pearlwort	Caryophyllaceae	
Salix sitchensis Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
Sanguisorba canadensis L.	SACA14	Canadian burnet	Rosaceae	
Saxifraga odontoloma Piper	SAOD2	brook saxifrage	Saxifragaceae	
Senecio triangularis Hook.	SETR	arrowleaf ragwort	Asteraceae	
Sorbus L.	SORBU	mountain ash	Rosaceae	
Spiraea splendens Baumann ex K. Koch var.	SPSPS	rose meadowsweet	Rosaceae	
Stachys chamissonis Benth. var. cooleyae (A.	STCHC3	coastal hedgenettle	Lamiaceae	
Streptopus amplexifolius (L.) DC.	STAM2	claspleaf twistedstalk	Liliaceae	
Streptopus lanceolatus (Aiton) Reveal var.	STLAC	twistedstalk	Liliaceae	
Taraxacum officinale F.H. Wigg.	TAOF	common dandelion	Asteraceae	
Tiarella trifoliata L. var. unifoliata (Hook.) Kurtz	TITRU	oneleaf foamflower	Saxifragaceae	
Trautvetteria carolinensis (Walter) Vail	TRCA	Carolina bugbane	Ranunculaceae	
Trifolium hybridum L.	TRHY	alsike clover	Fabaceae	
Trifolium repens L.	TRRE3	white clover	Fabaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Tsuga mertensiana (Bong.) Carrière	TSME	mountain hemlock	Pinaceae	
Vaccinium alaskaense Howell	VAAL3	Alaska blueberry	Ericaceae	
Valeriana sitchensis Bong.	VASI	Sitka valerian	Valerianaceae	

Road Group 770

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Veratrum viride Aiton	VEVI	green false hellebore	Liliaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Viola glabella Nutt.	VIGL	pioneer violet	Violaceae	
Viola orbiculata Geyer ex Holz.	VIOR	darkwoods violet	Violaceae	

Road Group 800

Observer SW

Survey Date 7/12/2007

Description Landslide washed out whole bed of Rd at one point

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Acer glabrum Torr.	ACGL	Rocky Mountain maple	Aceraceae	
Achillea millefolium L.	ACMI2	common yarrow	Asteraceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Antennaria howellii Greene	ANHO	Howell's pussytoes	Asteraceae	
Aquilegia formosa Fisch. ex DC.	AQFO	western columbine	Ranunculaceae	
Arctostaphylos uva-ursi (L.) Spreng.	ARUV	kinnikinnick	Ericaceae	
Arnica latifolia Bong.	ARLA8	broadleaf arnica	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Asarum caudatum Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
Campanula rotundifolia L.	CARO2	bluebell bellflower	Campanulaceae	
Campanula scouleri Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium brevistylum Cronquist	CIBR2	clustered thistle	Asteraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium L.	EPILO	willowherb	Onagraceae	
Eriophyllum lanatum (Pursh) Forbes	ERLA6	common woolly sunflower	Asteraceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Gaultheria ovatifolia A. Gray	GAOV2	western teaberry	Ericaceae	
Gentiana calycosa Griseb.	GECA	Rainier pleated gentian	Gentianaceae	
Heuchera micrantha Douglas ex Lindl.	HEMI7	crevice alumroot	Saxifragaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lilium columbianum Leichtlin	LICO	Columbia lily	Liliaceae	
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Lomatium martindalei (J.M. Coult. & Rose) J.M.	LOMA5	cascade desertparsley	Apiaceae	
Lupinus L.	LUPIN	lupine	Fabaceae	
Luzula DC.	LUZUL	woodrush	Juncaceae	
Lycopodium sitchense Rupr.	LYSI	Sitka clubmoss	Lycopodiaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Orthilia secunda (L.) House	ORSE	sidebells wintergreen	Pyrolaceae	
Paxistima myrsinites (Pursh) Raf.	PAMY	Oregon boxleaf	Celastraceae	
Penstemon serrulatus Menzies ex Sm.	PESE5	serrulate penstemon	Scrophulariaceae	
Phacelia nemoralis Greene	PHNE2	shade phacelia	Hydrophyllaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Ribes lacustre (Pers.) Poir.	RILA	prickly currant	Grossulariaceae	

Road Group 800

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Rubus lasiococcus A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
Saxifraga ferruginea Graham	SAFE	russethair saxifrage	Saxifragaceae	
Solidago canadensis L.	SOCA6	Canada goldenrod	Asteraceae	
Trientalis borealis Raf. ssp. latifolia (Hook.) Hultén	TRBOL	broadleaf starflower	Primulaceae	
Trillium ovatum Pursh	TROV2	Pacific trillium	Liliaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Viola sempervirens Greene	WISE3	evergreen violet	Violaceae	
Xerophyllum tenax (Pursh) Nutt.	XETE	common beargrass	Liliaceae	

Road Group 81.3, 81.3a, 81.3b, 81.3c,

Observer SW

Survey Date 7/26/2007

Description Many roads are thickly overgrown

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Acer macrophyllum Pursh	ACMA3	bigleaf maple	Aceraceae	
Agrostis L.	AGROS2	bentgrass	Poaceae	
Agrostis scabra Willd.	AGSC5	rough bentgrass	Poaceae	
Aira caryophylla L.	AICA	silver hairgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Buddleja davidii Franch.	BUDA2	orange eye butterflybush	Buddlejaceae	B
Centaurium erythraea Rafn	CEER5	European centaury	Gentianaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Cytisus scoparius (L.) Link	CYSC4	Scotch broom	Fabaceae	B
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Fragaria vesca L. ssp. bracteata (A. Heller) Staudt	FRVEB2	woodland strawberry	Rosaceae	
Fragaria virginiana Duchesne	FRVI	Virginia strawberry	Rosaceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holcus lanatus L.	HOLA	common velvetgrass	Poaceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Juncus L.	JUNCU	rush	Juncaceae	
Lapsana communis L.	LACO3	common nipplewort	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lotus micranthus Benth.	LOMI	desert deervetch	Fabaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Polygonum cuspidatum Siebold & Zucc.	POCU6	Japanese knotweed	Polygonaceae	B
Populus balsamifera L. ssp. trichocarpa (Torr. & Grah.)	POBAT	black cottonwood	Salicaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Pteridium aquilinum (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	
Rosa gymnocarpa Nutt.	ROGY	dwarf rose	Rosaceae	
Rubus armeniacus Focke	RUAR9	Himalayan blackberry	Rosaceae	
Rubus laciniatus Willd.	RULA	cutleaf blackberry	Rosaceae	

Road Group **81.3, 81.3a, 81.3b, 81.3c,**

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Rubus leucodermis Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Rumex acetosella L.	RUAC3	common sheep sorrel	Polygonaceae	
Rupertia physodes (Douglas ex Hook.) J. Grimes	RUPH3	forest scurfpea	Fabaceae	
Salix sitchensis Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
Senecio jacobaea L.	SEJA	stinking willie	Asteraceae	B
Senecio sylvaticus L.	SESY	woodland ragwort	Asteraceae	
Solidago canadensis L.	SOCA6	Canada goldenrod	Asteraceae	
Spiraea douglasii Hook.	SPDO	rose spirea	Rosaceae	
Symphoricarpos albus (L.) S.F. Blake	SYAL	common snowberry	Caprifoliaceae	
Tanacetum vulgare L.	TAVU	common tansy	Asteraceae	C
Trientalis borealis Raf. ssp. latifolia (Hook.) Hultén	TRBOL	broadleaf starflower	Primulaceae	
Trifolium L.	TRIFO	clover	Fabaceae	
Trifolium repens L.	TRRE3	white clover	Fabaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	

Road Group **811**

Observer **SW**

Survey Date 8/1/2007

Description old road bed at times partly covered by talus from above from old road cut

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Acer glabrum Torr.	ACGL	Rocky Mountain maple	Aceraceae	
Achillea millefolium L.	ACMI2	common yarrow	Asteraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Arctostaphylos uva-ursi (L.) Spreng.	ARUV	kinnikinnick	Ericaceae	
Artemisia suksdorfii Piper	ARSU4	coastal wormwood	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Campanula scouleri Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
Carex deweyana Schwein.	CADE9	Dewey sedge	Cyperaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Carex rossii Boott	CARO5	Ross' sedge	Cyperaceae	
Castilleja hispida Benth.	CAHI9	harsh Indian paintbrush	Scrophulariaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Cytisus scoparius (L.) Link	CYSC4	Scotch broom	Fabaceae	B
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Galium oreganum Britton	GAOR	Oregon bedstraw	Rubiaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Osmorhiza berteroi DC.	OSBE	sweetcicely	Apiaceae	
Paxistima myrsinites (Pursh) Raf.	PAMY	Oregon boxleaf	Celastraceae	

Road Group 811

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Penstemon serrulatus Menzies ex Sm.	PESE5	serrulate penstemon	Scrophulariaceae	
Phacelia nemoralis Greene	PHNE2	shade phacelia	Hydrophyllaceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Prunus emarginata (Douglas ex Hook.) D. Dietr.	POBAT	black cottonwood	Salicaceae	
Pseudotsuga menziesii (Mirb.) Franco	PREM	bitter cherry	Rosaceae	
Ribes sanguineum Pursh	PSME	Douglas-fir	Pinaceae	
Rosa gymnocarpa Nutt.	RISA	redflower currant	Grossulariaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	ROGY	dwarf rose	Rosaceae	
Rubus spectabilis Pursh	RULE	whitebark raspberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUSP	salmonberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	RUUR	California blackberry	Rosaceae	
Schedonorus phoenix (Scop.) Holub	SASI2	Sitka willow	Salicaceae	
Sedum oreganum Nutt.	SCPH	tall fescue	Poaceae	
Thuja plicata Donn ex D. Don	SEOR	Oregon stonecrop	Crassulaceae	
Trientalis borealis Raf. ssp. latifolia (Hook.) Hultén	THPL	western redcedar	Cupressaceae	
Tsuga heterophylla (Raf.) Sarg.	TRBOL	broadleaf starflower	Primulaceae	
Valeriana scouleri Rydb.	TSHE	western hemlock	Pinaceae	
Veronica officinalis L.	VASC2	Scouler's valerian	Valerianaceae	
Viola sempervirens Greene	VEOF2	common gypsyweed	Scrophulariaceae	
	WISE3	evergreen violet	Violaceae	

Road Group 811.2

Observer SW

Survey Date 8/1/2007

Description up to half or more old road bed covered for much of length by talus from above from old road cut

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Loudon) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Acer glabrum Torr.	ACGL	Rocky Mountain maple	Aceraceae	
Achillea millefolium L.	ACMI2	common yarrow	Asteraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aquilegia formosa Fisch. ex DC.	AQFO	western columbine	Ranunculaceae	
Arctostaphylos uva-ursi (L.) Spreng.	ARUV	kinnikinnick	Ericaceae	
Artemisia suksdorfii Piper	ARSU4	coastal wormwood	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Asarum caudatum Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
Campanula scouleri Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Castilleja hispida Benth.	CAHI9	harsh Indian paintbrush	Scrophulariaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cichorium intybus L.	CIIN	chicory	Asteraceae	
Cirsium edule Nutt.	CIED	edible thistle	Asteraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Galium oreganum Britton	GAOR	Oregon bedstraw	Rubiaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Heracleum maximum Bartram	HEMA80	common cowparsnip	Apiaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	

Road Group 811.2

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Maianthemum dilatatum</i> (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
<i>Moehringia macrophylla</i> (Hook.) Fenzl	MOMA3	largeleaf sandwort	Caryophyllaceae	
<i>Mycelis muralis</i> (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
<i>Nothochelone nemorosa</i> (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
<i>Penstemon serrulatus</i> Menzies ex Sm.	PESE5	serrulate penstemon	Scrophulariaceae	
<i>Phacelia nemoralis</i> Greene	PHNE2	shade phacelia	Hydrophyllaceae	
<i>Populus balsamifera</i> L. ssp. <i>trichocarpa</i> (Torr. & Pseudotsuga menziesii (Mirb.) Franco	POBAT	black cottonwood	Salicaceae	
<i>Ribes lacustre</i> (Pers.) Poir.	PSME	Douglas-fir	Pinaceae	
<i>Ribes sanguineum</i> Pursh	RILA	prickly currant	Grossulariaceae	
<i>Rosa gymnocarpa</i> Nutt.	RISA	redflower currant	Grossulariaceae	
<i>Rubus parviflorus</i> Nutt.	ROGY	dwarf rose	Rosaceae	
<i>Rubus ursinus</i> Cham. & Schltldl.	RUPA	thimbleberry	Rosaceae	
<i>Solidago canadensis</i> L.	RUUR	California blackberry	Rosaceae	
<i>Sorbus sitchensis</i> M. Roem.	SOCA6	Canada goldenrod	Asteraceae	
<i>Thuja plicata</i> Donn ex D. Don	SOSI2	western mountain ash	Rosaceae	
<i>Tsuga heterophylla</i> (Raf.) Sarg.	THPL	western redcedar	Cupressaceae	
<i>Veronica officinalis</i> L.	TSHE	western hemlock	Pinaceae	
<i>Viola sempervirens</i> Greene	VEOF2	common gypsyweed	Scrophulariaceae	
<i>Xerophyllum tenax</i> (Pursh) Nutt.	VISE3	evergreen violet	Violaceae	
	XETE	common beargrass	Liliaceae	

Road Group 812

Observer PS

Survey Date 9/4/2008

Description Road follows the side of a steep slope. Patches of dense vegetation and steep slopes. Goes through older forest and clear-cuts

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Abies amabilis</i> (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
<i>Acer circinatum</i> Pursh	ACCI	vine maple	Aceraceae	
<i>Achlys triphylla</i> (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
<i>Adiantum aleuticum</i> (Rupr.) Paris	ADAL	Aleutian maidenhair	Pteridaceae	
<i>Agrostis capillaris</i> L.	AGCA5	colonial bentgrass	Poaceae	
<i>Alnus rubra</i> Bong.	ALRU2	red alder	Betulaceae	
<i>Anaphalis margaritacea</i> (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
<i>Aruncus dioicus</i> (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
<i>Asarum caudatum</i> Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
<i>Athyrium filix-femina</i> (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
<i>Blechnum spicant</i> (L.) Sm.	BLSP	deer fern	Blechnaceae	
<i>Carex mertensii</i> Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
<i>Chamerion angustifolium</i> (L.) Holub	CHAN9	fireweed	Onagraceae	
<i>Cichorium intybus</i> L.	CIIN	chicory	Asteraceae	
<i>Cirsium arvense</i> (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
<i>Cirsium brevistylum</i> Cronquist	CIBR2	clustered thistle	Asteraceae	
<i>Claytonia sibirica</i> L.	CLSI2	Siberian springbeauty	Portulacaceae	
<i>Cornus unalaschkensis</i> Ledeb.	COUN	western cordilleran	Cornaceae	
<i>Corydalis scouleri</i> Hook.	COSC4	Scouler's fumewort	Fumariaceae	
<i>Crepis capillaris</i> (L.) Wallr.	CRCA3	smooth hawksbeard	Asteraceae	
<i>Dicentra formosa</i> (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
<i>Digitalis purpurea</i> L.	DIPU	purple foxglove	Scrophulariaceae	
<i>Elymus glaucus</i> Buckley	ELGL	blue wildrye	Poaceae	
<i>Epilobium minutum</i> Lindl. ex Lehm.	EPMI	chaparral willowherb	Onagraceae	
<i>Erigeron philadelphicus</i> L.	ERPH	Philadelphia fleabane	Asteraceae	
<i>Euphrasia nemorosa</i> (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
<i>Festuca ovina</i> L.	FEOV	sheep fescue	Poaceae	
<i>Galium triflorum</i> Michx.	GATR3	fragrant bedstraw	Rubiaceae	
<i>Gaultheria ovatifolia</i> A. Gray	GAOV2	western teaberry	Ericaceae	
<i>Gaultheria shallon</i> Pursh	GASH	salal	Ericaceae	
<i>Gymnocarpium dryopteris</i> (L.) Newman	GYDR	western oakfern	Dryopteridaceae	

Road Group 812

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Lupinus L.	LUPIN	lupine	Fabaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Mahonia nervosa (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Oplopanax horridum (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Phleum pratense L.	PHPR3	timothy	Poaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Prunella vulgaris L.	POBAT	black cottonwood	Salicaceae	
Pseudotsuga menziesii (Mirb.) Franco	PRVU	common selfheal	Lamiaceae	
Ribes bracteosum Douglas ex Hook.	PSME	Douglas-fir	Pinaceae	
Rosa gymnocarpa Nutt.	RIBR	stink currant	Grossulariaceae	
Rubus armeniacus Focke	ROGY	dwarf rose	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RUAR9	Himalayan blackberry	Rosaceae	
Rubus parviflorus Nutt.	RULE	whitebark raspberry	Rosaceae	
Rubus pedatus Sm.	RUPA	thimbleberry	Rosaceae	
Rubus spectabilis Pursh	RUPE	strawberryleaf raspberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUSP	salmonberry	Rosaceae	
Salix L.	RUUR	California blackberry	Rosaceae	
Sambucus racemosa L.	SALIX	willow	Salicaceae	
Solidago canadensis L.	SARA2	red elderberry	Caprifoliaceae	
Thuja plicata Donn ex D. Don	SOCA6	Canada goldenrod	Asteraceae	
Tiarella trifoliata L.	THPL	western redcedar	Cupressaceae	
Trientalis borealis Raf. ssp. latifolia (Hook.) Hultén	TITR	threeleaf foamflower	Saxifragaceae	
Trillium ovatum Pursh	TRBOL	broadleaf starflower	Primulaceae	
Tsuga heterophylla (Raf.) Sarg.	TROV2	Pacific trillium	Liliaceae	
Vaccinium ovalifolium Sm.	TSHE	western hemlock	Pinaceae	
Vaccinium parvifolium Sm.	VAOV	oval-leaf blueberry	Ericaceae	
Veronica officinalis L.	VAPA	red huckleberry	Ericaceae	
Viola sempervirens Greene	VEOF2	common gypsyweed	Scrophulariaceae	
	VISE3	evergreen violet	Violaceae	

Road Group 820

Observer GW

Survey Date 7/12/2007

Description After gravel pit - Tank traps at beginning. Overgrown with 10ft Alders. LEVU dominant herb

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Loudon) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer macrophyllum Pursh	ACMA3	bigleaf maple	Aceraceae	
Achillea millefolium L.	ACMI2	common yarrow	Asteraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Agrostis stolonifera L.	AGST2	creeping bentgrass	Poaceae	
Aira caryophylla L.	AICA	silver hairgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aquilegia formosa Fisch. ex DC.	AQFO	western columbine	Ranunculaceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	

Road Group

820

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Bromus L.	BROMU	brome	Poaceae	
Bromus vulgaris (Hook.) Shear	BRVU	Columbia brome	Poaceae	
Campanula scouleri Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
Carex L.	CAREX	sedge	Cyperaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Cerastium fontanum Baumg.	CEFO2	common mouse-ear	Caryophyllaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cinna latifolia (Trevis. ex Goepf.) Griseb.	CILA2	drooping woodreed	Poaceae	
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Claytonia cordifolia S. Watson	CLCO3	heartleaf springbeauty	Portulacaceae	
Corydalis scouleri Hook.	COSC4	Scouler's fumewort	Fumariaceae	
Dactylis glomerata L.	DAGL	orchardgrass	Poaceae	
Deschampsia cespitosa (L.) P. Beauv.	DECE	tufted hairgrass	Poaceae	
Deschampsia elongata (Hook.) Munro	DEEL	slender hairgrass	Poaceae	
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Epilobium clavatum Trel.	EPCL	talus willowherb	Onagraceae	
Epilobium L.	EPILO	willowherb	Onagraceae	
Eriophyllum lanatum (Pursh) Forbes	ERLA6	common woolly sunflower	Asteraceae	
Festuca occidentalis Hook.	FEOC	western fescue	Poaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Fragaria vesca L. ssp. bracteata (A. Heller) Staudt	FRVEB2	woodland strawberry	Rosaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Geum macrophyllum Willd.	GEMA4	largeleaf avens	Rosaceae	
Gymnocarpium dryopteris (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
Heracleum maximum Bartram	HEMA80	common cowparsnip	Apiaceae	
Heuchera micrantha Douglas ex Lindl.	HEMI7	crevice alumroot	Saxifragaceae	
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Lactuca L.	LACTU	lettuce	Asteraceae	
Lapsana communis L.	LACO3	common nipplewort	Asteraceae	
Leontodon autumnalis L.	LEAU2	fall dandelion	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Luzula DC.	LUZUL	woodrush	Juncaceae	
Luzula spicata (L.) DC.	LUSP4	spiked woodrush	Juncaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Maianthemum dilatatum (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
Mimulus guttatus DC.	MIGU	seep monkeyflower	Scrophulariaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Oplopanax horridus (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
Penstemon serrulatus Menzies ex Sm.	PESE5	serulate penstemon	Scrophulariaceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Phacelia heterophylla Pursh	PHHE2	varileaf phacelia	Hydrophyllaceae	
Phacelia nemoralis Greene	PHNE2	shade phacelia	Hydrophyllaceae	
Plantago major L.	PLMA2	common plantain	Plantaginaceae	
Poa annua L.	POAN	annual bluegrass	Poaceae	
Poa L.	POA	bluegrass	Poaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Prunella vulgaris L.	PRVU	common selfheal	Lamiaceae	
Pterospora andromedea Nutt.	PTAN2	woodland pinedrops	Monotropaceae	
Ranunculus uncinatus D. Don ex G. Don	RAUN	woodland buttercup	Ranunculaceae	

Road Group 820

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Ribes bracteosum Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
Rosa L.	ROSA5	rose	Rosaceae	
Rubus idaeus L.	RUID	American red raspberry	Rosaceae	
Rubus lasiococcus A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus pedatus Sm.	RUPE	strawberryleaf raspberry	Rosaceae	
Rubus spectabilis Pursh	RUSP	salmonberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Rumex acetosa L.	RUAC2	garden sorrel	Polygonaceae	
Sagina L.	SAGIN	pearlwort	Caryophyllaceae	
Salix sitchensis Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
Saxifraga ferruginea Graham	SAFE	russethair saxifrage	Saxifragaceae	
Solidago canadensis L.	SOCA6	Canada goldenrod	Asteraceae	
Stellaria calycantha (Ledeb.) Bong.	STCA	northern starwort	Caryophyllaceae	
Streptopus amplexifolius (L.) DC.	STAM2	claspleaf twistedstalk	Liliaceae	
Streptopus Michx.	STREP3	twistedstalk	Liliaceae	
Tiarella trifoliata L.	TITR	threeleaf foamflower	Saxifragaceae	
Tolmiea menziesii (Pursh) Torr. & A. Gray	TOME	youth on age	Saxifragaceae	
Trisetum canescens Buckley	TRCA21	tall trisetum	Poaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Viola glabella Nutt.	VIGL	pioneer violet	Violaceae	
Viola sempervirens Greene	VISE3	evergreen violet	Violaceae	

Road Group 860

Observer SW

Survey Date 8/2/2007

Description Road goes through large clear cut and secondary forests

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Achillea millefolium L.	ACMI2	common yarrow	Asteraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Antennaria howellii Greene	ANHO	Howell's pussytoes	Asteraceae	
Arctostaphylos uva-ursi (L.) Spreng.	ARUV	kinnikinnick	Ericaceae	
Arnica latifolia Bong.	ARLA8	broadleaf arnica	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Calamagrostis Adans.	CALAM	reedgrass	Poaceae	
Campanula rotundifolia L.	CARO2	bluebell bellflower	Campanulaceae	
Carex L.	CAREX	sedge	Cyperaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Cerastium fontanum Baumg.	CEFO2	common mouse-ear	Caryophyllaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Cornus unalaschensis Ledeb.	COUN	western cordilleran	Cornaceae	
Dactylis glomerata L.	DAGL	orchardgrass	Poaceae	
Dicentra formosa (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Heuchera micrantha Douglas ex Lindl.	HEMI7	crevice alumroot	Saxifragaceae	

Road Group 860

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	B
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	
Lilium columbianum Leichtlin	LICO	Columbia lily	Liliaceae	
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Lotus pedunculatus Cav.	LOPE80	big trefoil	Fabaceae	
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Maianthemum dilatatum (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Osmorhiza berteroi DC.	OSBE	sweetcicely	Apiaceae	
Penstemon serrulatus Menzies ex Sm.	PESE5	serrulate penstemon	Scrophulariaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Prenanthes alata (Hook.) D. Dietr.	POBAT	black cottonwood	Salicaceae	
Prunella vulgaris L.	PRAL	western rattlesnakeroot	Asteraceae	
Pseudotsuga menziesii (Mirb.) Franco	PRVU	common selfheal	Lamiaceae	
Pteridium aquilinum (L.) Kuhn	PSME	Douglas-fir	Pinaceae	
Rosa gymnocarpa Nutt.	PTAQ	western brackenfern	Dennstaedtiaceae	
Rubus lasiococcus A. Gray	ROGY	dwarf rose	Rosaceae	
Rubus parviflorus Nutt.	RULA2	roughfruit berry	Rosaceae	
Rubus spectabilis Pursh	RUPA	thimbleberry	Rosaceae	
Rumex acetosella L.	RUSP	salmonberry	Rosaceae	
Saxifraga rufidula (Small) Macoun	RUAC3	common sheep sorrel	Polygonaceae	
Solidago canadensis L.	SARU7	rustyhair saxifrage	Saxifragaceae	
Tiarella trifoliata L.	SOCA6	Canada goldenrod	Asteraceae	
Trollius laxus Salisb.	TITR	threeleaf foamflower	Saxifragaceae	
Tsuga heterophylla (Raf.) Sarg.	TRLA14	American globeflower	Ranunculaceae	
Vaccinium L.	TSHE	western hemlock	Pinaceae	
Valeriana sitchensis Bong.	VACCI	blueberry	Ericaceae	
Veratrum L.	VASI	Sitka valerian	Valerianaceae	
Viola glabella Nutt.	VERAT	false hellebore	Liliaceae	
Viola sempervirens Greene	VIGL	pioneer violet	Violaceae	
Xerophyllum tenax (Pursh) Nutt.	WISE3	evergreen violet	Violaceae	
	XETE	common beargrass	Liliaceae	

Road Group 860.1A

Observer SW

Survey Date 8/2/2007

Description

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	C
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Carex L.	CAREX	sedge	Cyperaceae	
Carex rossii Boott	CARO5	Ross' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	
Cornus unalaschensis Ledeb.	COUN	western cordilleran	Cornaceae	
Dactylis glomerata L.	DAGL	orchardgrass	Poaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	

Road Group 860.1A

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Phleum pratense L.	PHPR3	timothy	Poaceae	
Prunella vulgaris L. ssp. lanceolata (W. Bartram)	PRVUL2	lance selfheal	Lamiaceae	
Rubus lasiococcus A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus spectabilis Pursh	RUSP	salmonberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
Schedonorus phoenix (Scop.) Holub	SCPH	tall fescue	Poaceae	
Tolmiea menziesii (Pursh) Torr. & A. Gray	TOME	youth on age	Saxifragaceae	
Trisetum canescens Buckley	TRCA21	tall trisetum	Poaceae	
Vaccinium L.	VACCI	blueberry	Ericaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Xerophyllum tenax (Pursh) Nutt.	XETE	common beargrass	Liliaceae	

Road Group 91.0, 91.5, 91.5A, 91.1, 91.5c,

Observer SW

Survey Date 7/27/2007

Description Many roads are thickly overgrown

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Agrostis exarata Trin.	AGEX	spike bentgrass	Poaceae	
Agrostis gigantea Roth	AGGI2	redtop	Poaceae	
Agrostis scabra Willd.	AGSC5	rough bentgrass	Poaceae	
Aira caryophylla L.	AICA	silver hairgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Anthoxanthum odoratum L.	ANOD	sweet vernalgrass	Poaceae	
Artemisia suksdorfii Piper	ARSU4	coastal wormwood	Asteraceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Barbarea orthoceras Ledeb.	BAOR	American yellowrocket	Brassicaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Callitriche heterophylla Pursh	CAHE3	twoheaded water-starwort	Callitrichaceae	
Carex deweyana Schwein.	CADE9	Dewey sedge	Cyperaceae	
Centaurea erythraea Rafn	CEER5	European centaury	Gentianaceae	
Cerastium fontanum Baumg.	CEFO2	common mouse-ear	Caryophyllaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium brevistylum Cronquist	CIBR2	clustered thistle	Asteraceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Claytonia sibirica L.	CLSI2	Siberian springbeauty	Portulacaceae	
Cornus sericea L.	COSE16	redosier dogwood	Cornaceae	
Crepis capillaris (L.) Wallr.	CRCA3	smooth hawksbeard	Asteraceae	
Cytisus scoparius (L.) Link	CYSC4	Scotch broom	Fabaceae	B
Dactylis glomerata L.	DAGL	orchardgrass	Poaceae	
Danthonia intermedia Vasey	DAIN	timber oatgrass	Poaceae	
Dianthus armeria L.	DIAR	Deptford pink	Caryophyllaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Equisetum L.	EQUIS	horsetail	Equisetaceae	
Equisetum telmateia Ehrh.	EQTE	giant horsetail	Equisetaceae	
Erigeron philadelphicus L.	ERPH	Philadelphia fleabane	Asteraceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Festuca rubra L.	FERU2	red fescue	Poaceae	

Road Group 91.0, 91.5, 91.5A, 91.1, 91.5c,

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Fragaria vesca L. ssp. bracteata (A. Heller) Staudt	FRVEB2	woodland strawberry	Rosaceae	
Fragaria virginiana Duchesne	FRV1	Virginia strawberry	Rosaceae	
Gamochaeta purpurea (L.) Cabrera	GAPU3	spoonleaf purple everlasting	Asteraceae	
Geranium robertianum L.	GERO	Robert geranium	Geraniaceae	B
Geum macrophyllum Willd.	GEMA4	largeleaf avens	Rosaceae	
Glyceria striata (Lam.) Hitchc.	GLST	fowl mannagrass	Poaceae	
Gnaphalium uliginosum L.	GNUL	marsh cudweed	Asteraceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holcus lanatus L.	HOLA	common velvetgrass	Poaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Juncus bufonius L.	JUBU	toad rush	Juncaceae	
Juncus effusus L.	JUEF	common rush	Juncaceae	
Juncus ensifolius Wikstr.	JUEN	swordleaf rush	Juncaceae	
Juncus tenuis Willd.	JUTE	poverty rush	Juncaceae	
Lactuca biennis (Moench) Fernald	LABI	tall blue lettuce	Asteraceae	
Lapsana communis L.	LACO3	common nipplewort	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Logfia minima (Sm.) Dumort.	LOMI4	little cottonrose	Asteraceae	
Lolium perenne L.	LOPE	perennial ryegrass	Poaceae	
Lonicera involucrata (Richardson) Banks ex	LOIN5	twinberry honeysuckle	Caprifoliaceae	
Lotus micranthus Benth.	LOMI	desert deerweath	Fabaceae	
Lotus pedunculatus Cav.	LOPE80	big trefoil	Fabaceae	
Lotus unifoliolatus (Hook.) Benth.	LOUN	American bird's-foot trefoil	Fabaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Maianthemum dilatatum (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
Maianthemum stellatum (L.) Link	MAST4	starry false lily of the valley	Liliaceae	
Malus fusca (Raf.) C.K. Schneid.	MAFU	Oregon crab apple	Rosaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Oemleria cerasiformis (Torr. & A. Gray ex Hook.	OECE	Indian plum	Rosaceae	
Oenothera glazioviana Micheli	OEGL	redsepal evening primrose	Onagraceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Philadelphus lewisii Pursh	PHLE4	Lewis' mock orange	Hydrangeaceae	
Physocarpus capitatus (Pursh) Kuntze	PHCA11	Pacific ninebark	Rosaceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Polygonum arenastrum Jord. ex Boreau	POAR11	oval-leaf knotweed	Polygonaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Prunella vulgaris L.	POBAT	black cottonwood	Salicaceae	
Prunella vulgaris L. ssp. lanceolata (W. Bartram)	PRVU	common selfheal	Lamiaceae	
Prunella vulgaris L. ssp. vulgaris	PRVUL2	lance selfheal	Lamiaceae	
Prunus laurocerasus L.	PRVUV	common selfheal	Lamiaceae	
Pseudotsuga menziesii (Mirb.) Franco	PRLA5	cherry laurel	Rosaceae	
Pteridium aquilinum (L.) Kuhn	PSME	Douglas-fir	Pinaceae	
Ranunculus repens L.	PTAQ	western brackenfern	Dennstaedtiaceae	
Ribes divaricatum Douglas	RARE3	creeping buttercup	Ranunculaceae	
Ribes sanguineum Pursh	RIDI	spreading gooseberry	Grossulariaceae	
Rubus armeniacus Focke	RISA	redflower currant	Grossulariaceae	
Rubus laciniatus Willd.	RUAR9	Himalayan blackberry	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULA	cutleaf blackberry	Rosaceae	
Rubus parviflorus Nutt.	RULE	whitebark raspberry	Rosaceae	
Rubus spectabilis Pursh	RUPA	thimbleberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUSP	salmonberry	Rosaceae	
Rumex acetosella L.	RUUR	California blackberry	Rosaceae	
Rumex obtusifolius L.	RUAC3	common sheep sorrel	Polygonaceae	
Salix scouleriana Barratt ex Hook.	RUOB	bitter dock	Polygonaceae	
Schedonorus phoenix (Scop.) Holub	SASC	Scouler's willow	Salicaceae	
Scirpus microcarpus J. Presl & C. Presl	SCPH	tall fescue	Poaceae	
	SCMI2	panicked bulrush	Cyperaceae	

Road Group **91.0, 91.5, 91.5A, 91.1, 91.5c,**

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Senecio sylvaticus L.	SESY	woodland ragwort	Asteraceae	
Solidago canadensis L.	SOCA6	Canada goldenrod	Asteraceae	
Sonchus asper (L.) Hill	SOAS	spiny sowthistle	Asteraceae	
Sorbus aucuparia L.	SOAU	European mountain ash	Rosaceae	
Spergularia rubra (L.) J. Presl & C. Presl	SPRU	red sandspurry	Caryophyllaceae	
Spiraea douglasii Hook.	SPDO	rose spirea	Rosaceae	
Stachys chamissonis Benth. var. cooleyae (A.	STCHC3	coastal hedgenettle	Lamiaceae	
Symphoricarpos albus (L.) S.F. Blake	SYAL	common snowberry	Caprifoliaceae	
Tanacetum vulgare L.	TAVU	common tansy	Asteraceae	C
Taraxacum officinale F.H. Wigg.	TAOF	common dandelion	Asteraceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Trifolium arvense L.	TRAR4	rabbitfoot clover	Fabaceae	
Trifolium hybridum L.	TRHY	alsike clover	Fabaceae	
Trifolium pratense L.	TRPR2	red clover	Fabaceae	
Trifolium repens L.	TRRE3	white clover	Fabaceae	
Triticum aestivum L.	TRAE	common wheat	Poaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Typha latifolia L.	TYLA	broadleaf cattail	Typhaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Verbascum thapsus L.	VETH	common mullein	Scrophulariaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Veronica serpyllifolia L.	VESE	thymeleaf speedwell	Scrophulariaceae	
Vulpia myuros (L.) C.C. Gmel.	VUMY	rat-tail fescue	Poaceae	

Road Group **ER.1**

Observer **PS**

Survey Date 9/3/2008

Description Dominated by young alder. This road was easy to walk due to the age and height of the alders. Surrounding forest was primarily second growth forest.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cornus unalaschkensis Ledeb.	COUN	western cordilleran	Cornaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Gymnocarpium dryopteris (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Lapsana communis L.	LACO3	common nipplewort	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lupinus L.	LUPIN	lupine	Fabaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Mahonia nervosa (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	

Road Group ER.1

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Prunella vulgaris L.	PRVU	common selfheal	Lamiaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Ribes bracteosum Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
Rosa gymnocarpa Nutt.	ROGY	dwarf rose	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus spectabilis Pursh	RUSP	salmonberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Salix L.	SALIX	willow	Salicaceae	
Solidago canadensis L.	SOCA6	Canada goldenrod	Asteraceae	
Streptopus streptopoides (Ledeb.) Frye & Rigg	STST3	small twistedstalk	Liliaceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Viola sempervirens Greene	WISE3	evergreen violet	Violaceae	

Road Group LM.2A

Observer PS

Survey Date 9/3/2008

Description Densely populated with alder and willow. There were large patches of hawkweed (Hieracium lachnalii) and other weedy composites. The surrounding forest was primarily second growth forest.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Asarum caudatum Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Epilobium minutum Lindl. ex Lehm.	EPMI	chaparral willowherb	Onagraceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Gymnocarpium dryopteris (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Linnaea borealis L.	LIBO3	twinflor	Caprifoliaceae	
Lupinus L.	LUPIN	lupine	Fabaceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Mahonia nervosa (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Plantago L.	PLANT	plantain	Plantaginaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Ribes bracteosum Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	

Road Group LM.2A

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Viola sempervirens Greene	WISE3	evergreen violet	Violaceae	

Road Group LM.2B

Observer GW

Survey Date 7/13/2007

Description RD IS OVERGROWN WITH 15ft TSHE and shrubs/herbs (GASH/PTAQ)

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Danthonia intermedia Vasey	DAIN	timber oatgrass	Poaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Pinus monticola Douglas ex D. Don	PIMO3	western white pine	Pinaceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Pteridium aquilinum (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	

Road Group LM.3, LM.3A, LM.3B, LM.3C

Observer GW

Survey Date 7/13/2007

Description Roads are overgrown with shrubs and alder

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Acer glabrum Torr.	ACGL	Rocky Mountain maple	Aceraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Carex rossii Boott	CARO5	Ross' sedge	Cyperaceae	
Cirsium arvense (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Festuca occidentalis Hook.	FEOC	western fescue	Poaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Hieracium lachenalii C.C. Gmel.	HILA8	common hawkweed	Asteraceae	C
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lupinus latifolius Lindl. ex J. Agardh	LULA4	broadleaf lupine	Fabaceae	
Luzula multiflora (Ehrh.) Lej.	LUMU2	common woodrush	Juncaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Pteridium aquilinum (L.) Kuhn	POBAT	black cottonwood	Salicaceae	
Rosa L.	PTAQ	western brackenfern	Dennstaedtiaceae	
Rubus parviflorus Nutt.	ROSA5	rose	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUPA	thimbleberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	RUUR	California blackberry	Rosaceae	
Vaccinium L.	SASI2	Sitka willow	Salicaceae	
	VACCI	blueberry	Ericaceae	

Road Group LM.4

Road Group LM.4

Observer GW

Survey Date 7/13/2007

Description Heavily overgrown with 20' tall ALNRUB.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Linnaea borealis L.	LIBO3	twinflower	Caprifoliaceae	
Mahonia nervosa (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	

Road Group LM.4A

Observer PS

Survey Date 9/3/2008

Description road was easily accessible with little to no alder/conifer regeneration.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Gymnocarpium dryopteris (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lupinus L.	LUPIN	lupine	Fabaceae	
Mahonia nervosa (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Salix L.	SALIX	willow	Salicaceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Viola sempervirens Greene	WISE3	evergreen violet	Violaceae	

Road Group LM.4B

Observer PS

Survey Date 9/3/2008

Description road was densely populated with alder and willow. Understory vegetation was sparse.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	

Road Group LM.4B

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cornus unalaschensis Ledeb.	COUN	western cordilleran	Cornaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Euphrasia nemorosa (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Gymnocarpium dryopteris (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C
Hypochaeris radicata L.	HYRA3	hairy cat's ear	Asteraceae	B
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Lupinus L.	LUPIN	lupine	Fabaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Mahonia nervosa (Pursh) Nutt.	MANE2	Cascade barberry	Berberidaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Nothochelone nemorosa (Douglas ex Lindl.) Straw	NONE3	woodland beardtongue	Scrophulariaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Ribes bracteosum Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
Rosa gymnocarpa Nutt.	ROGY	dwarf rose	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Salix L.	SALIX	willow	Salicaceae	
Solidago canadensis L.	SOCA6	Canada goldenrod	Asteraceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Viola sempervirens Greene	WISE3	evergreen violet	Violaceae	

Road Group LM.5, LM.5A

Observer SW

Survey Date 7/13/2007

Description Most of road is open and in good condition, becomes thick near ends of roads. Goes through secondary forest

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Acer circinatum Pursh	ACCI	vine maple	Aceraceae	
Achlys triphylla (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
Agrostis scabra Willd.	AGSC5	rough bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Alnus viridis (Chaix) DC. ssp. sinuata (Regel) A.	ALVIS	Sitka alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Anthoxanthum odoratum L.	ANOD	sweet vernalgrass	Poaceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Campanula scouleri Hook. ex A. DC.	CASC7	pale bellflower	Campanulaceae	
Cirsium vulgare (Savi) Ten.	CIVU	bull thistle	Asteraceae	C
Cytisus scoparius (L.) Link	CYSC4	Scotch broom	Fabaceae	B
Danthonia intermedia Vasey	DAIN	timber oatgrass	Poaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium L.	EPILO	willowherb	Onagraceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Holodiscus discolor (Pursh) Maxim.	HODI	oceanspray	Rosaceae	
Hypericum perforatum L.	HYPE	common St. Johnswort	Clusiaceae	C

Road Group LM.5, LM.5A

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Maianthemum dilatatum (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Rosa gymnocarpa Nutt.	ROGY	dwarf rose	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Stellaria calycantha (Ledeb.) Bong.	STCA	northern starwort	Caryophyllaceae	
Trientalis borealis Raf. ssp. latifolia (Hook.) Hultén	TRBOL	broadleaf starflower	Primulaceae	
Trisetum canescens Buckley	TRCA21	tall trisetum	Poaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Veronica officinalis L.	VEOF2	common gypsyweed	Scrophulariaceae	
Viola sempervirens Greene	VISE3	evergreen violet	Violaceae	

Appendix C – Decommissioned Road Plant Lists for the Tolt River Watershed

Road Group 52

Observer HS

Survey Date 8/14/2008

Description First half of road contains thick alder forest. Some landslides across road. Nearly impenetrable Alder / shrub mix on road bed.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Achlys triphylla (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Aruncus dioicus (Walter) Fernald	ARDI8	bride's feathers	Rosaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Boykinia intermedia (Piper) G.N. Jones	BOIN4	Sierra brookfoam	Saxifragaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Circaea alpina L.	CIAL	small enchanter's nightshade	Onagraceae	
Claytonia sibirica L.	CLSI2	Siberian springbeauty	Portulacaceae	
Deschampsia cespitosa (L.) P. Beauv.	DECE	tufted hairgrass	Poaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Epilobium minutum Lindl. ex Lehm.	EPMI	chaparral willowherb	Onagraceae	
Festuca ovina L.	FEOV	sheep fescue	Poaceae	
Galium triflorum Michx.	GATR3	fragrant bedstraw	Rubiaceae	
Gymnocarpium dryopteris (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
Hieracium albiflorum Hook.	HAL2	white hawkweed	Asteraceae	
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Maianthemum dilatatum (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
Maianthemum stellatum (L.) Link	MAST4	starry false lily of the valley	Liliaceae	
Oplopanax horridus (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
Osmorhiza berteroi DC.	OSBE	sweetcicely	Apiaceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Poa pratensis L.	POPR	Kentucky bluegrass	Poaceae	
Prunella vulgaris L.	PRVU	common selfheal	Lamiaceae	
Ranunculus uncinatus D. Don ex G. Don	RAUN	woodland buttercup	Ranunculaceae	
Ribes bracteosum Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
Rosa gymnocarpa Nutt.	ROGY	dwarf rose	Rosaceae	
Rubus parviflorus Nutt.	RUPA	thimbleberry	Rosaceae	
Rubus spectabilis Pursh	RUSP	salmonberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
Sambucus racemosa L.	SARA2	red elderberry	Caprifoliaceae	
Solidago canadensis L.	SOCA6	Canada goldenrod	Asteraceae	
Stellaria calycantha (Ledeb.) Bong.	STCA	northern starwort	Caryophyllaceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Veronica chamaedrys L.	VECH	germander speedwell	Scrophulariaceae	

Road Group 71.72

Observer HS

Survey Date 8/14/2008

Description

road contains large berms for decommissioning - vegetation cover is sparse and moderately covered by native shrubs in some places. A few small patches of H. caespitosum occur. Road is surrounded by young secondary forest.

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Abies amabilis (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
Agrostis capillaris L.	AGCA5	colonial bentgrass	Poaceae	
Alnus rubra Bong.	ALRU2	red alder	Betulaceae	
Anaphalis margaritacea (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
Asarum caudatum Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
Athyrium filix-femina (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
Blechnum spicant (L.) Sm.	BLSP	deer fern	Blechnaceae	
Bromus vulgaris (Hook.) Shear	BRVU	Columbia brome	Poaceae	
Calamagrostis canadensis (Michx.) P. Beauv.	CACA4	bluejoint	Poaceae	
Carex geyeri Boott	CAGE2	Geyer's sedge	Cyperaceae	
Carex mertensii Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
Chamerion angustifolium (L.) Holub	CHAN9	fireweed	Onagraceae	
Cirsium brevistylum Cronquist	CIBR2	clustered thistle	Asteraceae	
Cornus unalaschensis Ledeb.	COUN	western cordilleran	Cornaceae	
Deschampsia cespitosa (L.) P. Beauv.	DECE	tufted hairgrass	Poaceae	
Digitalis purpurea L.	DIPU	purple foxglove	Scrophulariaceae	
Elymus glaucus Buckley	ELGL	blue wildrye	Poaceae	
Epilobium ciliatum Raf.	EPCI	fringed willowherb	Onagraceae	
Epilobium minutum Lindl. ex Lehm.	EPMI	chaparral willowherb	Onagraceae	
Festuca ovina L.	FEOV	sheep fescue	Poaceae	
Gaultheria ovatifolia A. Gray	GAOV2	western teaberry	Ericaceae	
Gaultheria shallon Pursh	GASH	salal	Ericaceae	
Hieracium albiflorum Hook.	HIAL2	white hawkweed	Asteraceae	
Leucanthemum vulgare Lam.	LEVU	oxeye daisy	Asteraceae	B
Luzula parviflora (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
Lycopodium clavatum L.	LYCL	running clubmoss	Lycopodiaceae	
Lycopodium sitchense Rupr.	LYSI	Sitka clubmoss	Lycopodiaceae	
Maianthemum stellatum (L.) Link	MAST4	starry false lily of the valley	Liliaceae	
Menziesia ferruginea Sm.	MEFE	rusty menziesia	Ericaceae	
Mycelis muralis (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
Oplopanax horridus (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Phalaris arundinacea L.	PHAR3	reed canarygrass	Poaceae	C
Phyllodoce empetriformis (Sm.) D. Don	PHEM	pink mountainheath	Ericaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Pseudotsuga menziesii (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
Pteridium aquilinum (L.) Kuhn	PTAQ	western brackenfern	Dennstaedtiaceae	
Ranunculus repens L.	RARE3	creeping buttercup	Ranunculaceae	
Ribes bracteosum Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
Rubus lasiococcus A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus pedatus Sm.	RUPE	strawberryleaf raspberry	Rosaceae	
Rubus spectabilis Pursh	RUSP	salmonberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
Sambucus racemosa L.	SARA2	red elderberry	Caprifoliaceae	
Solidago canadensis L.	SOCA6	Canada goldenrod	Asteraceae	
Spiraea douglasii Hook.	SPDO	rose spirea	Rosaceae	
Stellaria calycantha (Ledeb.) Bong.	STCA	northern starwort	Caryophyllaceae	
Streptopus amplexifolius (L.) DC.	STAM2	claspleaf twistedstalk	Liliaceae	
Thuja plicata Donn ex D. Don	THPL	western redcedar	Cupressaceae	
Tiarella trifoliata L.	TITR	threeleaf foamflower	Saxifragaceae	
Tsuga heterophylla (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
Vaccinium ovalifolium Sm.	VAOV	oval-leaf blueberry	Ericaceae	
Vaccinium parvifolium Sm.	VAPA	red huckleberry	Ericaceae	
Veronica chamaedrys L.	VECH	germander speedwell	Scrophulariaceae	
Viola glabella Nutt.	VIGL	pioneer violet	Violaceae	
Viola sempervirens Greene	VISE3	evergreen violet	Violaceae	

Road Group 72, 72.1, 72.2

Observer HS

Survey Date 9/10/2008

Description

Road follows contours along steep hillside - mostly young secondary forest surrounding road - crosses some steep incised stream channels - some landslides across road but not much erosion of road bed - bad infestations of *H. caespitosum* in places - road overgrown with young willow and other young shrubs/trees

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Abies amabilis</i> (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
<i>Achlys triphylla</i> (Sm.) DC.	ACTR	sweet after death	Berberidaceae	
<i>Agrostis capillaris</i> L.	AGCA5	colonial bentgrass	Poaceae	
<i>Alnus rubra</i> Bong.	ALRU2	red alder	Betulaceae	
<i>Anaphalis margaritacea</i> (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
<i>Angelica arguta</i> Nutt.	ANAR3	Lyall's angelica	Apiaceae	
<i>Athyrium filix-femina</i> (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
<i>Blechnum spicant</i> (L.) Sm.	BLSP	deer fern	Blechnaceae	
<i>Bromus carinatus</i> Hook. & Arn.	BRCA5	California brome	Poaceae	
<i>Bromus racemosus</i> L.	BRRA2	bald brome	Poaceae	
<i>Bromus vulgaris</i> (Hook.) Shear	BRVU	Columbia brome	Poaceae	
<i>Calamagrostis canadensis</i> (Michx.) P. Beauv.	CACA4	bluejoint	Poaceae	
<i>Caltha leptosepala</i> DC.	CALE4	white marsh marigold	Ranunculaceae	
<i>Carex mertensii</i> Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
<i>Chamerion angustifolium</i> (L.) Holub	CHAN9	fireweed	Onagraceae	
<i>Circaea alpina</i> L.	CIAL	small enchanter's nightshade	Onagraceae	
<i>Claytonia sibirica</i> L. var. <i>sibirica</i>	CLSIS	Siberian springbeauty	Portulacaceae	
<i>Deschampsia cespitosa</i> (L.) P. Beauv.	DECE	tufted hairgrass	Poaceae	
<i>Dicentra formosa</i> (Haw.) Walp.	DIFO	Pacific bleeding heart	Fumariaceae	
<i>Digitalis purpurea</i> L.	DIPU	purple foxglove	Scrophulariaceae	
<i>Elymus glaucus</i> Buckley	ELGL	blue wildrye	Poaceae	
<i>Epilobium ciliatum</i> Raf.	EPCI	fringed willowherb	Onagraceae	
<i>Epilobium minutum</i> Lindl. ex Lehm.	EPMI	chaparral willowherb	Onagraceae	
<i>Galium aparine</i> L.	GAAP2	stickywilly	Rubiaceae	
<i>Galium triflorum</i> Michx.	GATR3	fragrant bedstraw	Rubiaceae	
<i>Hieracium albiflorum</i> Hook.	HIAL2	white hawkweed	Asteraceae	
<i>Hieracium caespitosum</i> Dumort.	HICA10	meadow hawkweed	Asteraceae	B
<i>Holcus mollis</i> L.	HOMO	creeping velvetgrass	Poaceae	
<i>Hypochaeris radicata</i> L.	HYRA3	hairy cat's ear	Asteraceae	B
<i>Luetkea pectinata</i> (Pursh) Kuntze	LUPE	partridgefoot	Rosaceae	
<i>Luzula parviflora</i> (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
<i>Lycopodium clavatum</i> L.	LYCL	running clubmoss	Lycopodiaceae	
<i>Maianthemum dilatatum</i> (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
<i>Maianthemum stellatum</i> (L.) Link	MAST4	starry false lily of the valley	Liliaceae	
<i>Mimulus guttatus</i> DC.	MIGU	seep monkeyflower	Scrophulariaceae	
<i>Mycelis muralis</i> (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
<i>Oplopanax horridus</i> (Sm.) Miq.	OPHO	devilsclub	Araliaceae	
<i>Osmorhiza berteroi</i> DC.	OSBE	sweetcicely	Apiaceae	
<i>Petasites frigidus</i> (L.) Fr. var. <i>palmatum</i> (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
<i>Plantago major</i> L.	PLMA2	common plantain	Plantaginaceae	
<i>Platanthera stricta</i> Lindl.	PLST4	slender bog orchid	Orchidaceae	
<i>Populus balsamifera</i> L. ssp. <i>trichocarpa</i> (Torr. &	POBAT	black cottonwood	Salicaceae	
<i>Pseudotsuga menziesii</i> (Mirb.) Franco	PSME	Douglas-fir	Pinaceae	
<i>Ribes bracteosum</i> Douglas ex Hook.	RIBR	stink currant	Grossulariaceae	
<i>Rubus laciniatus</i> Willd.	RULA	cutleaf blackberry	Rosaceae	
<i>Rubus leucodermis</i> Douglas ex Torr. & A. Gray	RULE	whitebark raspberry	Rosaceae	
<i>Rubus spectabilis</i> Pursh	RUSP	salmonberry	Rosaceae	
<i>Rubus ursinus</i> Cham. & Schltdl.	RUUR	California blackberry	Rosaceae	
<i>Salix sitchensis</i> Sanson ex Bong.	SASI2	Sitka willow	Salicaceae	
<i>Sambucus racemosa</i> L.	SARA2	red elderberry	Caprifoliaceae	
<i>Solidago canadensis</i> L.	SOCA6	Canada goldenrod	Asteraceae	
<i>Sorbus sitchensis</i> M. Roem.	SOSI2	western mountain ash	Rosaceae	
<i>Spiraea douglasii</i> Hook.	SPDO	rose spirea	Rosaceae	

Road Group 72, 72.1, 72.2

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Spiranthes romanzoffiana</i> Cham.	SPRO	hooded lady's tresses	Orchidaceae	
<i>Stellaria calycantha</i> (Ledeb.) Bong.	STCA	northern starwort	Caryophyllaceae	
<i>Tiarella trifoliata</i> L.	TITR	threeleaf foamflower	Saxifragaceae	
<i>Tolmiea menziesii</i> (Pursh) Torr. & A. Gray	TOME	youth on age	Saxifragaceae	
<i>Tsuga heterophylla</i> (Raf.) Sarg.	TSHE	western hemlock	Pinaceae	
<i>Vaccinium ovalifolium</i> Sm.	VAOV	oval-leaf blueberry	Ericaceae	
<i>Vaccinium parvifolium</i> Sm.	VAPA	red huckleberry	Ericaceae	
<i>Veronica officinalis</i> L.	VEOF2	common gypsyweed	Scrophulariaceae	
<i>Viola glabella</i> Nutt.	VIGL	pioneer violet	Violaceae	
<i>Viola sempervirens</i> Greene	WISE3	evergreen violet	Violaceae	

Road Group 73, 73.2

Observer HS

Survey Date 8/13/2008

Description Road heavily overgrown with young alder and young shrubs - young secondary forest surrounding road - road crosses large stream and is washed out

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
<i>Abies amabilis</i> (Douglas ex Louden) Douglas ex	ABAM	Pacific silver fir	Pinaceae	
<i>Acer circinatum</i> Pursh	ACCI	vine maple	Aceraceae	
<i>Agrostis capillaris</i> L.	AGCA5	colonial bentgrass	Poaceae	
<i>Agrostis humilis</i> Vasey	AGHU	alpine bentgrass	Poaceae	
<i>Alnus rubra</i> Bong.	ALRU2	red alder	Betulaceae	
<i>Anaphalis margaritacea</i> (L.) Benth.	ANMA	western pearly everlasting	Asteraceae	
<i>Asarum caudatum</i> Lindl.	ASCA2	British Columbia wildginger	Aristolochiaceae	
<i>Athyrium filix-femina</i> (L.) Roth	ATFI	common ladyfern	Dryopteridaceae	
<i>Blechnum spicant</i> (L.) Sm.	BLSP	deer fern	Blechnaceae	
<i>Boykinia intermedia</i> (Piper) G.N. Jones	BOIN4	Sierra brookfoam	Saxifragaceae	
<i>Bromus vulgaris</i> (Hook.) Shear	BRVU	Columbia brome	Poaceae	
<i>Calamagrostis canadensis</i> (Michx.) P. Beauv.	CACA4	bluejoint	Poaceae	
<i>Carex deweyana</i> Schwein.	CADE9	Dewey sedge	Cyperaceae	
<i>Carex mertensii</i> Prescott ex Bong.	CAME6	Mertens' sedge	Cyperaceae	
<i>Cerastium nutans</i> Raf.	CENU2	nodding chickweed	Caryophyllaceae	
<i>Chamerion angustifolium</i> (L.) Holub	CHAN9	fireweed	Onagraceae	
<i>Circaea alpina</i> L.	CIAL	small enchanter's nightshade	Onagraceae	
<i>Cirsium arvense</i> (L.) Scop.	CIAR4	Canada thistle	Asteraceae	C
<i>Cornus unalaschkensis</i> Ledeb.	COUN	western cordilleran	Cornaceae	
<i>Crepis capillaris</i> (L.) Wallr.	CRCA3	smooth hawksbeard	Asteraceae	
<i>Cytisus scoparius</i> (L.) Link	CYSC4	Scotch broom	Fabaceae	B
<i>Dactylis glomerata</i> L.	DAGL	orchardgrass	Poaceae	
<i>Deschampsia cespitosa</i> (L.) P. Beauv.	DECE	tufted hairgrass	Poaceae	
<i>Dipsacus fullonum</i> L.	DIFU2	Fuller's teasel	Dipsacaceae	
<i>Elymus glaucus</i> Buckley	ELGL	blue wildrye	Poaceae	
<i>Epilobium ciliatum</i> Raf.	EPCI	fringed willowherb	Onagraceae	
<i>Epilobium minutum</i> Lindl. ex Lehm.	EPMI	chaparral willowherb	Onagraceae	
<i>Equisetum arvense</i> L.	EQAR	field horsetail	Equisetaceae	
<i>Euphrasia nemorosa</i> (Pers.) Wallr.	EUNE3	common eyebright	Scrophulariaceae	
<i>Festuca ovina</i> L.	FEOV	sheep fescue	Poaceae	
<i>Galium triflorum</i> Michx.	GATR3	fragrant bedstraw	Rubiaceae	
<i>Gymnocarpium dryopteris</i> (L.) Newman	GYDR	western oakfern	Dryopteridaceae	
<i>Hieracium albiflorum</i> Hook.	HIAL2	white hawkweed	Asteraceae	
<i>Hieracium caespitosum</i> Dumort.	HICA10	meadow hawkweed	Asteraceae	B
<i>Holcus lanatus</i> L.	HOLA	common velvetgrass	Poaceae	
<i>Hypochaeris radicata</i> L.	HYRA3	hairy cat's ear	Asteraceae	B
<i>Juncus effusus</i> L.	JUEF	common rush	Juncaceae	
<i>Leucanthemum vulgare</i> Lam.	LEVU	oxeye daisy	Asteraceae	B
<i>Luzula parviflora</i> (Ehrh.) Desv.	LUPA4	smallflowered woodrush	Juncaceae	
<i>Lycopodium clavatum</i> L.	LYCL	running clubmoss	Lycopodiaceae	
<i>Maianthemum dilatatum</i> (Alph. Wood) A. Nelson	MADI	false lily of the valley	Liliaceae	
<i>Menziesia ferruginea</i> Sm.	MEFE	rusty menziesia	Ericaceae	
<i>Mimulus guttatus</i> DC.	MIGU	seep monkeyflower	Scrophulariaceae	
<i>Montia parvifolia</i> (Moc. ex DC.) Greene	MOPA2	littleleaf minerslettuce	Portulacaceae	
<i>Mycelis muralis</i> (L.) Dumort.	MYMU	wall-lettuce	Asteraceae	
<i>Oplopanax horridus</i> (Sm.) Miq.	OPHO	devilsclub	Araliaceae	

Road Group 73, 73.2

Scientific Name with Author	4Letter	Common Name	Family	Noxious Status
Petasites frigidus (L.) Fr. var. palmatus (Aiton)	PEFRP	arctic sweet coltsfoot	Asteraceae	
Phleum alpinum L.	PHAL2	alpine timothy	Poaceae	
Plantago lanceolata L.	PLLA	narrowleaf plantain	Plantaginaceae	
Poa pratensis L.	POPR	Kentucky bluegrass	Poaceae	
Polystichum munitum (Kaulf.) C. Presl	POMU	western swordfern	Dryopteridaceae	
Populus balsamifera L. ssp. trichocarpa (Torr. & Prunella vulgaris L.	POBAT	black cottonwood	Salicaceae	
Pseudotsuga menziesii (Mirb.) Franco	PRVU	common selfheal	Lamiaceae	
Ranunculus repens L.	PSME	Douglas-fir	Pinaceae	
Ribes bracteosum Douglas ex Hook.	RARE3	creeping buttercup	Ranunculaceae	
Rubus laciniatus Willd.	RIBR	stink currant	Grossulariaceae	
Rubus lasiococcus A. Gray	RULA	cutleaf blackberry	Rosaceae	
Rubus leucodermis Douglas ex Torr. & A. Gray	RULA2	roughfruit berry	Rosaceae	
Rubus parviflorus Nutt.	RULE	whitebark raspberry	Rosaceae	
Rubus spectabilis Pursh	RUPA	thimbleberry	Rosaceae	
Rubus ursinus Cham. & Schltdl.	RUSP	salmonberry	Rosaceae	
Rumex acetosa L.	RUUR	California blackberry	Rosaceae	
Salix sitchensis Sanson ex Bong.	RUAC2	garden sorrel	Polygonaceae	
Sambucus racemosa L.	SASI2	Sitka willow	Salicaceae	
Sonchus asper (L.) Hill	SARA2	red elderberry	Caprifoliaceae	
Stellaria calycantha (Ledeb.) Bong.	SOAS	spiny sowthistle	Asteraceae	
Thuja plicata Donn ex D. Don	STCA	northern starwort	Caryophyllaceae	
Tiarella trifoliata L.	THPL	western redcedar	Cupressaceae	
Tolmiea menziesii (Pursh) Torr. & A. Gray	TITR	threeleaf foamflower	Saxifragaceae	
Tsuga heterophylla (Raf.) Sarg.	TOME	youth on age	Saxifragaceae	
Vaccinium parvifolium Sm.	TSHE	western hemlock	Pinaceae	
Veronica chamaedrys L.	VAPA	red huckleberry	Ericaceae	
Viola glabella Nutt.	VECH	germander speedwell	Scrophulariaceae	
Viola sempervirens Greene	VIGL	pioneer violet	Violaceae	
	VISE3	evergreen violet	Violaceae	