

Railway Rights of Way

The sections of railway that were inventoried in January and February 2010 were located in these areas:-

Paradise Valley
 Squamish Terminals rail spur
 Bailey Street/Government Road/Squamish River dyke
 Brackendale

The inventory of invasive plant species was undertaken in early January to early March 2010, so limited to winter-identifiable species only. Other invasive species may be present.

Summary of species found during field work during February 2010*

*Only includes evergreen species and recognizable deciduous species
 Jurisdiction varies and details are noted on detailed tables.

Common name	Scientific name	Rail right of way
common burdock	<i>Arctium sp.</i>	1 to 2
butterfly bush	<i>Buddleja davidii</i>	1
Scotch Broom	<i>Cytisus scoparius</i>	2
Daphne	<i>Daphne laureola</i>	0
Japanese Knotweed	<i>Fallopia japonica</i>	2 to 3
English Ivy	<i>Hedera helix</i>	0
English Holly	<i>Ilex aquifolium</i>	2
yellow archangel	<i>Lamium galeobdolon</i>	1
Himalayan Blackberry	<i>Rubus discolor</i>	2 to 3
mullein	<i>Verbascum thapsus</i>	1
Periwinkle	<i>Vinca minor</i>	0
Bamboo		2 to 3

Legend

- 1 = small infestation, less than a day to eradicate
- 2 = medium infestation, multiple day eradication efforts
- 3 = large infestation, multi-year eradication efforts

Paradise Valley

Starting at the road crossing on Paradise Valley Road, next to Doug Horth Sawmill/Log Sort. On this section of the rail way some butterfly bush (*Buddleia davidii*) and some mullein (*Verbascum Thapsus*) was found over a section of 100m rail way north of the Cheekeye Bridge/south of the Paradise Valley Campground. About 50 meters south of the Tenderfoot Hatchery some Himalayan blackberry (*Rubus discolor*) and common burdock (*Arctium* sp.) were found over a 50 meter section. All the invasive plants found were within the 12.5 meters BC rail right of way (6.25 m either side from centre of track).



Fig. 1: Paradise Valley 1km north of Cheekeye River; view south from waypoint
Butterfly bush
Site # 266455



Fig. 2: BC Rail spur to Squamish terminals.
Scotch broom, Himalayan blackberry and English holly.
Site # 266461, view north from waypoint



Figs. 3 and 4: Brackendale. Olson Road rail bank, view south (3) and north (4)
Japanese knotweed and Himalayan blackberry
Site # 256726



Fig. 5: Alongside BC rail access track to Squamish terminals.
Common burdock, Himalayan blackberry and English holly
Site # 266460

IAPP site #	UTM Zone 10		Jurisdiction	Area ha	Species	Distribution	Density	Comments
	Easting	Northing						
266455	489245	5518586	Ministry of Transportation & Infrastructure (BC Rail)	0.02	Butterfly bush	Several sporadically occurring individuals	Medium	Paradise Valley railway. About 1km north of Cheekeye River up to marker # 49
					Mullein	A few sporadically occurring individuals	Medium	
266456	489785	5519833	Ministry of Transportation & Infrastructure (BC Rail)	0.03	Himalayan blackberry	A single patch or clump	High	Paradise Valley railway. 50m south of Tenderfoot fish hatchery
					Common burdock	A few sporadically occurring individuals	High	
256726	490058	5510425	Ministry of Transportation & Infrastructure (BC Rail)	0.15	Japanese knotweed	A few patches or clumps	Dense	Brackendale. Olson Road rail bank.
					Himalayan blackberry	A few patches or clumps	High	
					Common burdock	Rare individual	Low	
256701	488692	5506205	District of Squamish (see comments)	0.5	Himalayan blackberry	Continuous uniform occurrence of well-spaced individuals	High	Bailey Street to Government Road. Appears to be municipal Crown land, a part of Bailey Street with rail RoW over it.
					Japanese knotweed	Continuous dense occurrence	Dense	
					English holly	Several sporadically occurring individuals	Low	
					Yellow archangel	Continuous dense occurrence	Dense	
					Bamboo	Continuous dense occurrence	Dense	
256715	489125	5505749	Ministry of Transportation & Infrastructure	0.0005	Japanese knotweed	Not recorded	Not recorded	Bailey Street to Government Road. Cursory inventory in 2005. Between HWY 99 and railway, in

								vicinity of Squamish elementary school.
256721	488786	5508829	District of Squamish	0.5	Japanese knotweed	Continuous dense occurrence	Dense	East bank of the river dyke trail about 300m north of the Heritage Railway Museum. Waypoint is on the WMA boundary – see separate Squamish Estuary report. Site lies between dyke trail and the BC rail lines.
					Common burdock	Several sporadically occurring individuals	Low	
					Himalayan blackberry	Several sporadically occurring individuals	Medium	
266460	488588	5506621	Ministry of Transportation & Infrastructure	0.5	Common burdock	Several sporadically occurring individuals	Low	Across the tracks from Magee Street. North Yards, Squamish. 500m section of access track parallel to rail line. Mostly on estuary side of railway.
					Himalayan blackberry	Single patch or clump	Medium	
					English holly	Several sporadically occurring individuals	Low	
256740	488482	5506061	Ministry of Transportation & Infrastructure	6.56	Scotch broom	Several sporadically occurring individuals	Medium	Squamish Estuary Wildlife Management Area. See separate Squamish Estuary report. From south Swan Walk trail head (WMA; Ministry of Environment) to the railway crossing on Industrial Road. .
					Himalayan blackberry	Several sporadically occurring individuals	Medium	
					English holly	Several sporadically occurring individuals	Low	
					Japanese knotweed	Not recorded	Not recorded	

								Waypoint is outside WMA. Cursory inventory of Japanese knotweed in 2005
266459	488177	5504775	Ministry of Transportation & Infrastructure	1.26	Himalayan blackberry	A few patches or clumps	Low	Waypoint is just outside Squamish Estuary Wildlife Management Area. BC Rail spur line to Squamish terminals. Along railway from Meadow Loop trail to 3 rd Avenue.
266461	488370	5505607	First Nations (Squamish)/Ministry of Transportation & Infrastructure	0.8	Scotch broom	A few sporadically occurring individuals	Low	Part of site along BC Rail line to terminals, between Industrial Road and northern Forest Loop trail head. Invasive plants are beyond the 6.25m BC Rail Right of Way.
					Himalayan blackberry	Continuous occurrence with a few gaps in distribution	Medium	
					English holly	A few sporadically occurring individuals	Low	
266462	488251	5505118	Ministry of Transportation & Infrastructure	0.8	Himalayan blackberry	Several sporadically occurring individuals	Low	Estuary side of BC Rail spur to Squamish terminals. Between Meadow Loop trailhead and Forest Loop trail head.
					Himalayan blackberry	Several well-spaced patches or clumps	High	BC Rail Right of Way. Site within a site

266627	488320	5505573	Ministry of Transportation & Infrastructure	0.2	Himalayan blackberry	Several sporadically occurring individuals	Low	BC Rail spur to Squamish terminals. Between the two Forest Loop trail heads. Invasive plants are beyond the 6.25m BC Rail RoW.
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