

# 23 VEGETATION

This chapter is separated into three parts:

- Indigenous vegetation and biodiversity
- Wilding Exotic Trees
- Protected Trees

## 23.1 Other Relevant Provisions

### 23.1.1 District Wide and area specific rules

Attention is drawn to the following Rules and provisions that may also apply.

Part x Landscapes	Part x Subdivision	Part x Earthworks
Forestry provisions are identified in the specific zone	Part x Historic Heritage	Part X Definitions

# Indigenous Vegetation and Biodiversity

## 23.2 Purpose

The District contains a diverse range of habitats that support indigenous plants and animals. Many of these are endemic, comprising forests, shrubland, herbfields, tussock grasslands, lake and river margins. Indigenous biodiversity is also an important component of ecosystem services and the District’s landscapes.

The Council has a responsibility to maintain indigenous biodiversity and to recognise and provide for the protection of significant indigenous vegetation and significant habitats of indigenous fauna, which are collectively referred to as Significant Natural Areas (SNAs).

Activities involving the efficient use of land including ski-field development, farming, fence, road and track construction can be reasonably expected to be undertaken providing such activities maintain or enhance the District’s indigenous biodiversity values.

The limited removal of indigenous vegetation is permitted, with discretion applied through the resource consent process, to ensure that indigenous vegetation clearance activities exceeding the permitted limits protect, maintain or enhance indigenous biodiversity values. Where the removal of indigenous vegetation cannot be avoided or mitigated and would diminish the District’s indigenous biodiversity values, opportunities for the enhancement of other areas are encouraged to offset the adverse effects of the loss of those indigenous biodiversity values.

Alpine environments are identified as areas above 1070m and are among the least modified environments in the District. Due to thin and infertile soils and severe climatic factors, establishment and growth rates in plant life are slow, and these areas are sensitive to modification. In addition, because these areas contribute to the District’s distinctive landscapes, and are susceptible to exotic pest plants, changes to vegetation at these elevations may be conspicuous and have significant effects on landscape character and indigenous biodiversity.

The District’s lowlands comprising the lower slopes of mountain ranges and valley floors have been modified by urban growth, farming activities and rural residential development. Much of the indigenous vegetation habitat has been removed and these areas are identified in the Land Environments of New

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Zealand Threatened Environment Classification as either acutely or chronically threatened environments, having less than 20% indigenous vegetation remaining.

## 23.3 Objectives and Policies

### 23.3.1 Objective 1 – Protect, maintain and enhance indigenous biodiversity.

#### Policies

23.3.1.1 Identify the District's Significant Natural Areas and schedule them in the District Plan, including the ongoing identification of Significant Natural Areas through resource consent applications, using the criteria set out in Policy 23.3.1.9.

23.3.1.2 Identify the District's rare or threatened indigenous species and schedule them in the District Plan to assist with the management of their protection.

23.3.1.3 Provide standards in the District Plan for indigenous vegetation that is not identified as a Significant Natural Area or threatened species, which are practical to apply and that permit the removal of a limited area of indigenous vegetation.

23.3.1.4 Recognise and take into account the values of tangata whenua and kaitiakitanga.

23.3.1.5 Recognise anticipated activities in rural areas such as farming and the efficient use of land and resources while having regard to the maintenance, protection or enhancement of indigenous biodiversity values.

23.3.1.6 Encourage the long-term protection of indigenous vegetation and in particular Significant Natural Areas by encouraging land owners to consider non-regulatory methods such as open space covenants administered under the Queen Elizabeth II National Trust Act.

23.3.1.7 Activities involving the clearance of indigenous vegetation are undertaken in a manner to ensure the District's indigenous biodiversity values are protected, maintained or enhanced.

23.3.1.8 Where the adverse effects of an activity on indigenous biodiversity cannot be avoided, remedied or mitigated, consideration will be given to whether there has been any compensation or biodiversity offset proposed and the extent to which any offset will result in a net indigenous biodiversity gain.

23.3.1.9 Assess the nature and scale of the adverse effects of indigenous vegetation clearance on the District's indigenous biodiversity values by applying the following criteria:

(a) Representativeness:

Whether the area is an example of an indigenous vegetation type or habitat that is representative of that which formerly covered the Ecological District.

(b) Rarity:

Whether the area supports;

I. indigenous species within originally rare ecosystems;

II. indigenous species that are threatened, at risk, uncommon, nationally or within the ecological district;

III. indigenous vegetation or habitats of indigenous fauna that has been reduced to less than 20% of its former extent, regionally or within a relevant land environment or ecological district.

(c) Diversity:

Whether the area supports a highly diverse assemblage of indigenous vegetation and habitat types, and whether these have a high indigenous biodiversity value.

(d) Distinctiveness:

Whether the area supports or provides habitats for indigenous species:

- I. at their distributional limit within Otago or nationally;
- II. are endemic to the Otago region,
- III. are distinctive, of restricted occurrence or have developed as a result of unique environmental factors.

(e) Ecological Context:

The relationship of the area with its surroundings, including whether the area proposed to be cleared:

- I. has important connectivity value allowing dispersal of indigenous fauna between different areas;
- II. has an important buffering function to protect values of an adjacent area of feature;
- III. is important for indigenous fauna during some part of their life cycle.

## 23.3.2 **Objective 2 – Protect and enhance Significant Natural Areas.**

### **Policies**

23.3.2.1 Avoid the clearance of indigenous vegetation within Significant Natural Areas that would reduce indigenous biodiversity values.

23.3.2.2 Allow the clearance of indigenous vegetation within Significant Natural Areas only in exceptional circumstances and, in circumstances where these activities will have a low impact or offer compensation commensurate to the nature and scale of the clearance.

23.3.2.3 Recognise that the majority of Significant Natural Areas are located within land used for farming activity and provide for small scale, low impact indigenous vegetation removal, stock grazing, the construction of fences and small scale farm tracks, and the maintenance of existing fences and tracks.

## 23.3.3 **Objective 3 – Ensure the efficient use of land, including ski-field development, farming activities and infrastructure improvements do not reduce the District’s indigenous biodiversity values.**

### **Policies**

23.3.3.1 Provide standards controlling the clearance of indigenous vegetation within 20 meters of water bodies, and ensure that proposals for clearance do not create erosion, or reduce natural character and indigenous biodiversity values.

23.3.3.2 Where the permanent removal of indigenous vegetation is proposed, encourage the retention or establishment of the same indigenous vegetation community elsewhere on the site.

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- 23.3.3.3 Encourage the retention of indigenous vegetation in locations that have potential for regeneration, or provide stability, particularly where productive values are low, or in riparian areas or in gullies.
- 23.3.3.4 When considering the effects of proposals for the clearance of indigenous vegetation, have particular regard to whether threatened species are present or the area to be cleared is within an environment identified as having less than 20% indigenous vegetation remaining<sup>1</sup>, and,
- 23.3.3.5 Where indigenous vegetation clearance is proposed within an environment identified as having less than 20% indigenous vegetation remaining, have regard to the threatened environment status, the nature and scale of the clearance, potential for recovery or the merit of any indigenous biodiversity offsets.
- 23.3.3.6 Ensure indigenous vegetation removal does not adversely affect the natural character of the margins of water ways.
- 23.3.3.7 Have regard to any areas in the vicinity of the indigenous vegetation proposed to be cleared, that constitute the same habitat or species that is protected by covenants or other formal protection mechanisms.
- 23.3.4 **Objective 4 – Protect the indigenous biodiversity and landscape values of alpine environments from the effects of vegetation clearance and exotic tree and shrub planting.**

### Policies

- 23.3.4.1 Recognise that alpine environments contribute to the distinct indigenous biodiversity and landscape qualities of the District and are vulnerable to change from vegetation clearance or establishment of exotic plants.
- 23.3.4.2 Protect the alpine environment from degradation due to planting of exotic species.

## 23.4 Rules

### 23.4.1 Clarification and application of rules

- a) For the purposes of determining compliance with Rules 23.6.1 to 23.6.3, indigenous vegetation shall be measured cumulatively over the area(s) to be cleared.
- b) Rules 23.6.1 to 23.6.4 shall apply where indigenous vegetation attains 'structural dominance' and, the indigenous vegetation exceeds 20% of the total area to be cleared or total number of species present of the total area to be cleared.
- c) Rules 23.6.1 to 23.6.4 shall apply where indigenous vegetation does not attain structural dominance and exceeds 30% of the total area to be cleared, or total number of species present of the total area to be cleared.
- d) Structural dominance means indigenous species that are in the tallest stratum

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<sup>1</sup> Refer to the Landcare Research Threatened Environment Classification:  
[http://www.landcareresearch.co.nz/\\_data/assets/pdf\\_file/0007/21688/TECUserGuideV1\\_1.pdf](http://www.landcareresearch.co.nz/_data/assets/pdf_file/0007/21688/TECUserGuideV1_1.pdf)

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- e) Requirements (b) and (c) above, do not apply to threatened species listed in Schedule 23.8, the clearance of a threatened species applies to any single plant.
- f) Requirements (b) and (c) above, do not apply to Significant Natural Areas listed in Schedule 23.8. Any clearance or activity is applicable to the land identified as a Significant Natural Area and identified in the planning maps
- g) The rules apply to all zones in the District, including formed and unformed roads, whether zoned or not.
- h) Refer to part 23.7 for the schedule of threatened species.
- i) Refer to the planning maps and part 23.8 for the schedule of Significant Natural Areas.
- j) The District's land environment (defined by the Land Environments of New Zealand at Level IV) that has 20 percent or less remaining in indigenous cover are shown on the District Plan Maps.
- k) The following abbreviations are used in the tables. Any activity that is not permitted (P) or prohibited (PR) requires resource consent.

P	Permitted	C	Controlled
RD	Restricted Discretionary	D	Discretionary
NC	Non Complying	PR	Prohibited

## 23.4.2 Exemptions

- 23.4.2.1 Any area identified in the District Plan maps and scheduled as a Significant Natural Area that is, or becomes protected by a covenant under the Queen Elizabeth II National Trust Act, shall be removed from the schedule and be exempt from rules 23.6.7 to 23.6.9.
- 23.4.2.2 Indigenous vegetation clearance for the operation and maintenance of existing and in service/operational roads, tracks, drains, utilities, structures and/or fence lines, but excludes their expansion.
- 23.4.2.3 Indigenous vegetation clearance for the construction of walkways or trails up to 1.5 metres in width provided that it does not involve the clearance of any threatened plants listed in section 23.7 or any tree greater than a height of 4 metres.

## 23.5 Rule - Indigenous Vegetation

Any activity involving the clearance of indigenous vegetation shall be subject to the following rules:

	<b>Table 1. Clearance of indigenous vegetation</b>	<b>non-compliance</b>
23.5.1.1	The clearance of indigenous vegetation complying with all the standards in Table 2 shall be a permitted activity.	D
23.5.1.2	Activities located within Significant Natural Areas that comply with all the standards in Table 3 shall be a permitted activity.	D

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	<b>Table 1. Clearance of indigenous vegetation</b>	<b>non-compliance</b>
23.5.1.3	Activities located within alpine environments (any land at an altitude higher than 1070m above sea level) that comply with Table 4 shall be a permitted activity.	D

### 23.6 Standards for Permitted Activities

<b>Table 2. Clearance of indigenous vegetation not located within a Significant Natural Area or within Alpine Environments:</b>	
23.6.1	Clearance is less than 5000m <sup>2</sup> in area of any site and, 500m <sup>2</sup> in area of any site less than 10ha, in any continuous period of 5 years.
23.6.2	Where indigenous vegetation is greater than 2.0 metres in height, clearance is less than 500m <sup>2</sup> in area of any site and, 50m <sup>2</sup> in area of any site less than 10ha, in any continuous period of 5 years,
23.6.3	Within a land environment (defined by the Land Environments of New Zealand at Level IV) that has 20 percent or less remaining in indigenous cover, clearance is less than 500m <sup>2</sup> in area of any site and, 50m <sup>2</sup> in area of any site less than 10ha, in any continuous period of 5 years.
23.6.4	Clearance is more than 20m from a water body.
23.6.5	Is for the clearance of indigenous trees that have been windthrown and/or are dead standing as a result of natural causes and have become dangerous to life or property.
23.6.6	Is not the clearance of a plant identified as a threatened species listed in section 23.7.

<b>Table 3. Activities within Significant Natural Areas identified in section 23.8 and on the District Plan maps:</b>	
23.6.7	Earthworks shall: (i) be less than 50m <sup>2</sup> in any one hectare in any continuous period of 5 years;  (ii) not be undertaken on slopes with an angle greater than 20°.
23.6.8	The clearance of indigenous vegetation shall not exceed 50m <sup>2</sup> in area in any continuous period of 5 years.
23.6.9	Does not involve exotic tree or shrub planting.

<b>Table 4. Activities within Alpine Environments – land 1070 metres above sea level:</b>	
23.6.10	Does not involve the clearance of indigenous vegetation, the planting of shelterbelts, or any exotic tree or shrub planting.
	Clarification: For the purpose of the clearance of indigenous vegetation by way of burning, the altitude limit of 1070 metres shall mean the average maximum altitude of any land to be burnt, averaged over north and south facing slopes

## 23.7 Threatened Plant List

### 23.7.1 Identification of Threatened Plants

Assistance with the identification of threatened plants is available through the New Zealand Plant Conservation Networks' website: <http://www.nzpcn.org.nz/default.aspx>.

Scientific name	Family	Location (Does not preclude location in any other areas)
<b>Threatened - Nationally Critical</b>		
Pseudognaphalium ephemerum	Asteraceae	North Von
Triglochin palustris	Juncaginaceae	Upper Shotover, Moke Lake
<b>Threatened - Nationally Endangered</b>		
Carex uncifolia	Cyperaceae	
Crassula multicaulis	Crassulaceae	
Leonohebe cupressoides	Plantaginaceae	Shotover key population, Wye, Deep Creek, Bullendale
Lepidium sisymbrioides	Brassicaceae	Kawarau
Myosurus minimus subsp. novae-zelandiae	Ranunculaceae	Crown Range
Olearia hectorii	Asteraceae	Lake Dispute, McKinlays Creek
Pittosporum patulum	Pittosporaceae	Dingle Burn
Uncinia strictissima	Cyperaceae	Kingston
<b>Threatened - Nationally Vulnerable</b>		
Anogramma leptophylla	Pteridaceae	Annual fern, Mt. Alta area Wanaka
Carmichaelia crassicaulis var. racemosa	Fabaceae	
Carmichaelia juncea	Fabaceae	Recorded by McCaskill 1999, Makarora
Carmichaelia kirkii	Fabaceae	Cardrona Valley, West Matukituki
Isolepis basillaris	Cyperaceae	
Kirkianella novae-zelandiae	Asteraceae	Shotover
Myosotis brevis	Boraginaceae	
Myosotis glauca	Boraginaceae	Nevis
Olearia fimbriata	Asteraceae	Hawea, Loch Linnhe
Pachycladon cheesemanii	Brassicaceae	Wye, Bobs Cove, Kingston
Senecio dunedinensis	Asteraceae	Cliffs

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<b>At Risk - Declining</b>	<b>Family</b>	<b>Location (Does not preclude location in any other areas)</b>
<i>Acaena buchananii</i>	Rosaceae	
<i>Alepis flavida</i>	Loranthaceae	Sunshine Bay
<i>Carex tenuiculmis</i>	Cyperaceae	
<i>Carmichaelia crassicaulis</i> subsp. <i>crassicaulis</i>	Fabaceae	
<i>Carmichaelia uniflora</i>	Fabaceae	Caples Valley
<i>Carmichaelia vexillata</i>	Fabaceae	
<i>Coprosma intertexta</i>	Rubiaceae	
<i>Coprosma virescens</i>	Rubiaceae	
<i>Deschampsia caespitosa</i>	Poaceae	
<i>Luzula celata</i>	Juncaceae	Shotover
<i>Mentha cunninghamii</i>	Lamiaceae	
<i>Myosotis pygmaea</i>	Boraginaceae	
<i>Olearia fragrantissima</i>	Asteraceae	Kingston
<i>Olearia lineata</i>	Asteraceae	
<i>Peraxilla colensoi</i>	Loranthaceae	
<i>Peraxilla tetrapetala</i>	Loranthaceae	
<i>Pimelea aridula</i>	Thymelaeaceae	
<i>Pimelea sericeovillosa</i> var. <i>pulvinaris</i>	Thymelaeaceae	
<i>Ranunculus piliferus</i>	Ranunculaceae	
<b>At Risk - Naturally Uncommon</b>	<b>Family</b>	<b>Location (Does not preclude location in any other areas)</b>
<i>Achnatherum petriei</i>	Poaceae	
<i>Aciphylla dissecta</i>	Apiaceae	Alpine.
<i>Aciphylla lecomtei</i>	Apiaceae	Alpine.
<i>Aciphylla montana</i> var. <i>gracilis</i>	Apiaceae	Alpine.
<i>Aciphylla spedenii</i>	Apiaceae	Alpine.
<i>Agrostis petriei</i>	Poaceae	
<i>Anemone tenuicaulis</i>	Ranunculaceae	
<i>Anisotome cauticola</i>	Apiaceae	
<i>Anisotome lanuginosa</i>	Apiaceae	Alpine.

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<i>Anthosachne aprica</i>	Poaceae	
<i>Anthosachne falcis</i>	Poaceae	
<i>Carex allanii</i>	Cyperaceae	
<i>Carex berggrenii</i>	Cyperaceae	
<i>Carex capillacea</i>	Cyperaceae	
<i>Carex carsei</i>	Cyperaceae	
<i>Carex edgarae</i>	Cyperaceae	
<i>Carex lachenallii</i> subsp. <i>parkeri</i>	Cyperaceae	Alpine.
<i>Carex pterocarpa</i>	Cyperaceae	Alpine.
<i>Carmichaelia compacta</i>	Fabaceae	Kawarau- Cromwell Gorge endemic
<i>Celmisia graminifolia</i>	Asteraceae	
<i>Celmisia philocremna</i>	Asteraceae	Alpine. Eyre Mt endemic
<i>Celmisia spedenii</i>	Asteraceae	Alpine. Eyre Mt endemic
<i>Celmisia thomsonii</i>	Asteraceae	Alpine. Eyre Mt endemic
<i>Chionochloa crassiuscula</i> subsp. <i>torta</i>	Poaceae	Alpine.
<i>Chionochloa crassiuscula</i> subsp. <i>crassiuscula</i>	Poaceae	Alpine.
<i>Chionochloa vireta</i>	Poaceae	Alpine.
<i>Chionohebe glabra</i>	Plantaginaceae	Alpine.
<i>Colobanthus brevisepalus</i>	Caryophyllaceae	
<i>Deschampsia pusilla</i>	Poaceae	Alpine.
<i>Epilobium margaretae</i>	Onagraceae	Alpine.
<i>Epilobium purpuratum</i>	Onagraceae	Alpine.
<i>Euchiton paludosus</i>	Asteraceae	
<i>Euchiton polylepis</i>	Asteraceae	
<i>Festuca mathewsii</i> subsp. <i>pisamontis</i>	Poaceae	Alpine. Pisa
<i>Geranium microphyllum</i>	Geraniaceae	
<i>Gingidia baxterae</i>	Apiaceae	
<i>Hebe annulata</i>	Plantaginaceae	Alpine. Wye
<i>Hebe biggarii</i>	Plantaginaceae	
<i>Hebe dilatata</i>	Plantaginaceae	Alpine.
<i>Hebe pimelioides</i> subsp. <i>faucicola</i>	Plantaginaceae	Kawarau Gorge endemic

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Lagenifera barkeri	Asteraceae	
Leptinella albida	Asteraceae	Alpine.
Leptinella serrulata	Asteraceae	
Libocedrus plumosa	Cupressaceae	East Matukituki, Siberia both Mt Aspiring National Park.
Luzula leptophylla	Juncaceae	
Luzula traversii var. tenuis	Juncaceae	
Myosotis goyenii	Boraginaceae	Alpine. Endemic
Myosotis tenericaulis	Boraginaceae	
Ourisia confertifolia	Plantaginaceae	Alpine. Eyre Mt endemic
Ourisia remotifolia	Plantaginaceae	Alpine. Eyre Mt endemic
Ourisia spathulata	Plantaginaceae	Alpine. Eyre Mt endemic
Pachycladon wallii	Brassicaceae	Alpine.
Pimelea poppelwellii	Thymelaeaceae	Alpine. Eyre Mt endemic
Plantago obconica	Plantaginaceae	Alpine. Hector Mts, Cardrona
Plantago triantha	Plantaginaceae	
Poa incrassata	Poaceae	Alpine.
Poa pygmaea	Poaceae	Alpine.
Poa senex	Poaceae	Alpine.
Poa sudicola	Poaceae	Alpine.
Pseudopanax ferox	Araliaceae	
Ranunculatus maculatus	Ranunculaceae	
Ranunculua scirithalis	Ranunculaceae	Alpine. Eyre Mt endemic
Raoulia beauverdii	Asteraceae	
Raoulia goyenii	Asteraceae	Alpine.
Raoulia hectorii var. mollis	Asteraceae	Alpine. Remarkables
Uncinia elegans	Cyperaceae	
Uncinia purpurata	Cyperaceae	Alpine.
Uncinia viridis	Cyperaceae	
Urtica aspera	Urticaceae	Wye Creek
<b>Data Deficient</b>	<b>Family</b>	<b>Location (Does not preclude location in any other areas)</b>
Agrostis imbicilla	Poaceae	

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Agrostis pallescens	Poaceae	
Brachyscome longiscapa	Asteraceae	Alpine. Remarkables
Brachyscome montana	Asteraceae	Alpine. Remarkables
Carex decurtata	Cyperaceae	
Coprosma brunnea	Rubiaceae	
Epilobium elegans	Onagraceae	
Epilobium insulare	Onagraceae	
Myosotis glabrescens	Boraginaceae	
Poa xenica	Poaceae	
Ranunculus macropus	Ranunculaceae	Lake Dispute

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## 23.8 Schedule of Significant Natural Areas

23.8.1 Proposed Significant Natural Areas [Click here for the Proposed SNA District Plan Map](#)

Proposed Significant Natural Areas				
Identifier	Planning Map Number	SNA Name	Site or Property location Reference	Description/Dominant Indigenous Vegetation
A10C		SNA C Mount Alfred Faces	Mt Earnslaw Station, Glenorchy	Mixed beech forest, montane and sub-alpine shrubland and sub-alpine short tussock land.
A8A		SNA A Fan Creek Shrublands	Mt Creighton Station	Grey shrubland. Old matagouri with <i>Olearia odorata</i> , <i>Coprosma propinqua</i> , <i>Aristotelia fruticosa</i> , <i>Carmichaelia petriei</i> and briar.
A8B		SNA B Lake Face Shrublands	Mt Creighton Station	Broadleaf indigenous hardwood community. Common species within this community include: <i>Griselinia littoralis</i> , <i>Olearia</i> spp., cabbage tree, <i>Pseudopanax</i> sp., marble leaf and <i>Coprosma</i> spp..
A8C		SNA C Sites 1 to 9 Manuka Shrublands	Mt Creighton Station	Extensive shrublands of manuka.
A8D		SNA D Moke Creek Wetland	Mt Creighton Station	Wetland marsh.
A23A		SNA A	Closeburn	Shrubland dominated by manuka and <i>Coprosma propinqua</i> .

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B3A		SNA A	Mt Burke Station	Shrubland consisting of kanuka ( <i>Kunzea ericoides</i> ), manuka ( <i>Leptospermum scoparium</i> ), matagouri ( <i>Discaria toumatou</i> ), kowhai ( <i>Sophora</i> sp.) and briar ( <i>Rosa rubiginosa</i> ).
B3B		SNA B	Mt Burke Station	Woodland dominated by kanuka, but also contains a stand of halls totara ( <i>Podocarpus cunninghamii</i> ) on rubbly slopes at the head of the catchment and kowhai ( <i>Sophora</i> sp.) in the upper kanuka forest.
B3C		SNA C	Mt Burke Station	Woodland dominated by halls totara ( <i>Podocarpus cunninghamii</i> ) and mountain toatoa ( <i>Phyllocladus alpinus</i> ).
B11A		SNA A Sites 1 to 2 Estuary Burn	Minaret Station	Kanuka woodland with a minor component of matagouri and mingimingi.
B11C		SNA C Sites 1 to 6 Bay Burn	Minaret Station	Kanuka dominated woodland with a minor component of matagouri and mingimingi and regenerating broadleaved species.
B11D		SNA D Minaret Burn	Minaret Station	Shrubland mosaic consisting of manuka/kanuka woodland and broadleaved indigenous hardwoods and beech forest.
B11F		SNA F Minaret Bay Riparian	Minaret Station	Indigenous broadleaved hardwoods.
B15A		SNA A Sites 1 to 3 Mt Albert Burn & Craigie Burn Kanuka Woodlands	Mt Albert Station	Lakeshore fan communities - dense kanuka forest on flat river fans where the Craigie Burn and Albert Burn flow into the lake. The wet flats on the north side of the Albert Burn contain an excellent population of <i>Olearia lineata</i> growing along a small stream.
B15B		SNA B Sites 1 to 5 Lake face shrublands and forest	Mt Albert Station	Beech forest remnants in several gullies and spreading onto some adjacent rolling country and generally surrounded by regenerating manuka shrubland.
B16A		SNA A Long Valley Creek	Glen Dene Station	Shrubland mosaic consisting of manuka woodland, broadleaved indigenous hardwoods and beech forest.
B16B		SNA B Sites 1 to 3 Lake Wanaka Shrublands	Glen Dene Station	Shrubland mosaic consisting of manuka woodland, broadleaved indigenous hardwoods and beech forest.

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C14A		SNA A Sites 1 to 5 Remarkables Face SNA	Remarkables Station	Remnant broadleaf forest forming a buffer to Wye Creek and a good representation of sub-alpine shrubland occurring on several of the south faces of the steep spurs descending from the west faces of the Remarkables, as well as remnant totara logs.
C24A		SNA A Wye Creek SNA	Lake Wakatipu Station	Shrubland dominated by bracken fern and <i>Pittosporum tenuifolium</i> , but also including tutu, <i>Coprosma propinqua</i> , <i>Griselinia littoralis</i> , manuka, <i>Hebe salicifolia</i> , matagouri, mistletoe sp., <i>Carmichaelia</i> sp., and <i>Cordyline australis</i> .
D1A		SNA A	Loche Linnhe Station	Grey shrubland consisting of <i>Olearia odorata</i> , <i>Olearia fimbriata</i> , <i>Discaria toumatou</i> , <i>Coprosma propinqua</i> , <i>Coprosma rugosa</i> , <i>Melicytus alpinus</i> , <i>Muehlenbeckia complexa</i> , and <i>Rubus schmidelioides</i> .
D1B		SNA B Sites 1 to 3	Loche Linnhe Station	Forest and shrubland consisting of <i>Griselinia littoralis</i> , <i>Aristolelia serrata</i> , <i>Olearia arborescens</i> , <i>Metrosideros umbellata</i> , <i>Carpodetus serratus</i> , <i>Fuschia excorticata</i> , <i>Sophora microphylla</i> , <i>Pittosporum tenuifolium</i> , <i>Pseudopanax crassifolium</i> and <i>Coriaria arborea</i> .
D1C		SNA C	Loche Linnhe Station	Beech forest dominated by mountain beech ( <i>Nothofagus solandri. cliffortoides</i> ) with occasional mature red beech ( <i>Nothofagus fusca</i> ), located above the highway.
D1D		SNA D	Loche Linnhe Station	Grey shrubland and pasture grassland. Species recorded include tree daisys ( <i>Olearia odorata</i> , <i>Olearia fimbriata</i> ), matagouri, <i>Coprosma propinqua</i> , briar and <i>Melicytus alpinus</i> .
D1E		SNA E	Loche Linnhe Station	Beech forest dominated by mountain beech ( <i>Nothofagus solandri. cliffortoides</i> ), with occasional mature red beech ( <i>Nothofagus fusca</i> ).
D4A		SNA A Halfway Bay Lake Shore	Lake Wakatipu Station	Red and mountain beech forest in gullies, broadleaf lakeshore forest (including kowhai, broadleaf, occasional southern rata, <i>Olearia</i> species and <i>Coprosma</i> species) and regenerating broadleaf forest, shrubland, bracken fernland, occasional gorse and wild conifers.
D5A		SNA A Sites 1 to 7 Lakeshore Gullies	Cecil Peak Station	Beech forest, shrubland, bracken fernland and pasture grasses.
D6A		SNA A McKinlays Creek	Walter Peak Station/Cecil Peak Station	Mountain beech forest with remnant and regenerating shrubland on steep, rocky slopes and exotic grassland that follows along a vehicle track.
D6B		SNA B Von – White Burn	Walter Peak Station	A series of extensive ponds and bogs with red tussock merging into dryland hard tussockland.

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D7A		SNA A Sites 1 to 2 North Von, Lower Wetlands	Mt Nicholas Station/Walter Peak Station	Lacustrine wetland, swamp, marshland and bog.
D7B		SNA B North Von, Central Wetlands	Mt Nicholas Station	Palustrine wetlands and sub alpine bogs.
D7C		SNA C Sites 1 to 3 North Von, Upper Wetlands	Mt Nicholas Station	Cushion bog, sedgeland, rushland and turf communities containing plants typical of these communities.
D7D		SNA D North Von Lower Wetlands	Mt Nicholas Station	A kettle lake, kettle holes and adjacent wetlands and ephemeral wetlands.
E18B		SNA B	Watkins Rd, Hawea Flat	Mosaic of short tussock grassland, cushionfields and herbfields.
E18C		SNA C	Mt Iron	Kanuka woodland.
E18D		SNA D Sites 1 to 2	Mt Iron	Kanuka woodland.
E18G		SNA G	Wanaka-Luggate Hwy, Upper Clutha River	Kanuka woodland with some small areas of short tussock grassland dominated by introduced grasses.
E18H		SNA H	Mt Iron	Kanuka woodland.
E19A		SNA A	Glenfoyle Station	Kanuka woodland.
E19B		SNA B	Glenfoyle Station	Kanuka woodland, dominated by kanuka but also including a more diverse plant assemblage in the gully bottoms including matagouri, <i>Coprosma propinqua</i> and tree daisys ( <i>Olearia</i> sp.).
E19C		SNA C	Glenfoyle Station	Kanuka woodland.
E30A		SNA A Dead Horse Creek	Lake McKay Station	Kanuka woodland dominated by kanuka, but also includes shrubland species such as matagouri, native broom, <i>Coprosma propinqua</i> and mature stands of <i>Olearia lineata</i> .

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E30B		SNA B Sites 1 to 4 Tin Hut Creek	Lake McKay Station	Kanuka woodland dominated by kanuka but also includes other shrubland species such as matagouri, native broom, and <i>Coprosma propinqua</i> .
E30C		SNA C Alice Burn Tributary	Lake McKay Station	Grey shrubland, which includes significant populations of <i>Olearia lineata</i> .
E30D		SNA D Luggate Creek	Lake McKay Station	Kanuka woodland dominated by kanuka but also includes other shrubland species such as matagouri, native broom, and <i>Coprosma propinqua</i> .
E30E		SNA E Sites 1 to 2 Lake McKay	Lake McKay Station	Kanuka woodland dominated by kanuka but also includes other shrubland species such as matagouri, native broom, and <i>Coprosma propinqua</i> .
E30F		SNA F Alice Burn	Lake McKay Station	Kanuka woodland dominated by kanuka but also includes other shrubland species such as matagouri, native broom, and <i>Coprosma propinqua</i> .
E35A		Sites 1 to 11 Sheepskin Creek	Luggate-Cromwell Road, Upper Clutha.	Diverse kanuka, and mixed kanuka/mingimingi–matagouri, scrub/shrubland communities in mid to lower reaches of the Sheepskin Creek catchment with intervening areas of pasture.
E37A		SNA A	Kane Road – Hawea Back Road, Hawea Flat	Grey shrubland on rocky outcrop, including <i>Coprosma intertexta</i> , <i>Coprosma propinqua</i> , <i>Coprosma tayloriae</i> , <i>Coprosma rigida</i> , <i>Coprosma crassifolius</i> , <i>Carmichaelia petriei</i> , <i>Melicytus alpinus</i> , <i>Discaria toumatou</i> , <i>Pteridium esculentum</i> , <i>Muehlenbeckia complexa</i> and <i>Cordyline australis</i> .
E38A		SNA A Sites 1 to 5	Stevensons Road, Clutha River	Cushion fields (including <i>Pimelea sericeovillosa subsp. pulvinaris</i> ) and kanuka stands.
E39A		SNA A	Dublin Bay Road, Albert Town, Wanaka.	Short tussock grassland and cushion field.
E44A		SNA A Sites 1 to 2	Te Awa Road Hawea River	Hard tussock grassland with shrubland species, including kanuka, <i>Ozothamnus leptophyllus</i> and matagouri.
E45A		SNA A Sites 1 to 2	Te Awa Road Hawea River	Kanuka stands with other native species interspersed including <i>Coprosma propinqua</i> , <i>Ozothamnus leptophyllus</i> , matagouri and stands of bracken fern.
F2A		SNA A	Branch Creek, Cardrona Valley	Shrubland including <i>Dracophyllum longifolium</i> , <i>Dracophyllum uniflorum</i> , <i>Olearia avicennifolia</i> , <i>Olearia arborescens</i> , <i>Olearia nummularifolia</i> , <i>Olearia odorata</i> , and <i>Coprosma propinqua</i> , with a small pocket of silver beech forest.

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F2B		SNA B Sites 1 to 3	Branch Creek, Cardrona Valley	Shrubland consisting of matagouri, <i>Olearia odorata</i> , <i>Olearia bullata</i> , <i>Aristotelia fruiticosa</i> , <i>Coprosma propinqua</i> , <i>Coprosma tayloriae</i> , <i>Carmichaelia petriei</i> , sweet briar, elderberry, <i>Melicytus alpinus</i> , <i>Rubus schmidelioides</i> and <i>Meuhlenbeckia australis</i> .
F2C		SNA C Sites 1 to 2	Branch Creek, Cardrona Valley	Shrubland consisting of matagouri, <i>Olearia odorata</i> , <i>Olearia bullata</i> , <i>Aristotelia fruiticosa</i> , <i>Coprosma propinqua</i> , <i>Carmichaelia petriei</i> , sweet briar, elderberry, <i>Melicytus alpinus</i> , <i>Rubus schmidelioides</i> and <i>Meuhlenbeckia australis</i> .
F2D		SNA D	Branch Creek, Cardrona Valley	Shrubland consisting of matagouri, <i>Olearia odorata</i> , <i>Olearia bullata</i> , <i>Aristotelia fruiticosa</i> , <i>Coprosma propinqua</i> , <i>Coprosma tayloriae</i> , <i>Carmichaelia petriei</i> , sweet briar, elderberry, <i>Melicytus alpinus</i> , <i>Rubus schmidelioides</i> and <i>Meuhlenbeckia australis</i> .
F21A		SNA A	Hillend Station, Wanaka	Coprosma-matagouri-Olearia shrubland with some elder and briar and a small pocket of silver beech forest.
F21B		SNA B Sites 1 to 3	Hillend Station, Wanaka	Shrubland including matagouri, <i>Coprosma propinqua</i> , kanuka – manuka, <i>Olearia odorata</i> , briar and elder.
F21C		SNA C Sites 1 to 2	Hillend Station, Wanaka	Beech forest fragments with extensive areas of regenerating shrubland.
F22A		SNA A Sites 1 to 2 Back Creek	Back Creek, Cardrona Valley.	Grey shrubland dominated by <i>Olearia odorata</i> , <i>Coprosma propinqua</i> and matagouri.
F26A		SNA A	Avalon Station, Cardrona Valley	Grey shrubland including <i>Coprosma propinqua</i> , matagouri, <i>Olearia odorata</i> and briar.
F26B		SNA B	Avalon Station, Cardrona Valley	Grey shrubland including <i>Olearia</i> spp., <i>Coprosma propinqua</i> , matagouri and <i>Corokia cotoneaster</i> .
F26C		SNA C Sites 1 to 3	Avalon Station, Cardrona Valley	Grey shrubland including <i>Olearia lineata</i> , <i>Coprosma propinqua</i> , matagouri, <i>Hebe salicifolia</i> and <i>Carmichaelia kirkii</i> .
F31A		SNA A Kawarau Faces	Waitiri Station, Kawarau Gorge.	Shrubland heavily dominated by matagouri and sweet briar but also includes <i>Coprosma propinqua</i> and to a lesser degree <i>Olearia odorata</i> .
F32A				<i>Not Confirmed</i>
F32B				<i>Not Confirmed</i>

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F40A		SNA A	Gibbston Valley	Grey shrubland largely dominated by matagouri and <i>Coprosma propinqua</i> , but also includes populations of <i>Olearia</i> spp. and <i>Muehlenbeckia complexa</i> .
F40B		SNA B	Gibbston Valley	Grey shrubland including <i>Olearia odorata</i> , <i>Olearia lineata</i> , <i>Discaria toumatou</i> , <i>Coprosma propinqua</i> , <i>Melicytus alpinus</i> , <i>Muehlenbeckia complexa</i> , <i>Rubus schmidelioides</i> , <i>Carmichaelia petriei</i> , <i>Clematis quadribacteolata</i> and <i>Hebe salicifolia</i> .
F40C		SNA C	Gibbston Valley	Grey shrubland.
F40D		SNA D	Gibbston Valley	Grey shrubland dominated by matagouri and kowhai, but also includes <i>Coprosma propinqua</i> , <i>Melicytus alpinus</i> , <i>Coprosma crassifolia</i> and <i>Muehlenbeckia complexa</i> .
G28A		SNA A Site 6	Coronet Peak (Bush Creek)	<i>Olearia odorata</i> –matagouri shrubland.
G28A		SNA A Site 7	Coronet Peak (Bush Creek)	Mountain beech forest.
G33A		SNA A	Ben Lomond Station, Upper Shotover River	Mixed mingimingi–matagouri– <i>Olearia</i> spp. shrubland.
G33B		SNA B	Ben Lomond Station, Upper Shotover River	Mixed mingimingi–matagouri– <i>Olearia</i> spp. shrubland.
G33C		SNA C	Ben Lomond Station, Upper Shotover River	Extensive manuka scrub & shrubland community and mountain beech forest.
G34A		SNA A	Alpha Burn Station, West Wanaka	Kanuka, mingimingi-matagouri-kohuhu-broadleaf-manuka/bracken shrubland.
G34B		SNA B	Alpha Burn Station, West Wanaka	Kohuhu-broadleaf shrubland merging with mingimingi-matagouri/bracken shrubland.
G34C		SNA C	Alpha Burn Station, West Wanaka	Mixed broadleaf–kohuhu–mingimingi–matagouri–bracken shrubland.

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G34D		SNA D	Alpha Burn Station, West Wanaka	Mixed beech forest, manuka forest, montane shrubland.
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## Significant Natural Areas (Operative District Plan to be integrated with Proposed Significant Natural Area Schedule)

2A	5	Hunter River Delta	G38 270 557	WERI: A braided river used for fishing and recreational boating activities. An important site for bird breeding.
16A	10	Caspar Flat Bush	E40 669 936	SSWI: An area with mountain beech. Bird species present include yellow breasted tit, rifleman, grey warbler and silvereve. Reasonable canopy but low plant diversity (natural for environment).
17A	10	Left Branch bush	E40 665 925	SSWI: An area of mountain beech, mountain toatoa, small leaf <i>Coprosmas</i> and ferns. A very steep south facing habitat. Reasonable canopy but very little plant diversity (natural for environment). Bird species include yellow breasted tit, rifleman, silvereve and grey warbler. Some large slips.
18A	10	Butchers Gully Bush	E40 665 906	SSWI: An area with mountain beech and mountain toatoa. Bird species include grey warbler, rifleman and yellow breasted tit. A steep south facing habitat. Reasonable canopy but little plant diversity. Some slipping.
35A	10	Mount Aurum Remnants	S123 520 930	SSWI: An area with mountain beech, situated in gullies and on southern faces. Reasonable canopy, but low plant diversity. Yellow breasted tit, rifleman and grey warbler present.
38A	12	Moke Lake	S132 470 738	WERI, SSWI: A steep montane lake surrounded by tussock farmland. Brown trout fishery.
40A	12	Lake Isobel	S132 406 807	WERI: A lake with restiad bog and tussock land ( <i>Chionochloa</i> species).
41A	12	Lake Kirkpatrick	S132 477 704	WERI, SSWI: A sub-alpine lake with <i>Carex</i> bog and surrounded by tussock farmland. Common native water-fowl present. More important as trout fishery.
42A	12, 38	Few Creek Bush (includes 127)	S132 440 675	SSWI: A moderate sized plain beech forest (red beech, mountain beech) with common forest birds, including brown creeper, fantail, bellbird, rifleman, grey warbler and yellow breasted tit.
43A	12, 38	Twelve Mile Bush	S132 420 655	SSWI: Reasonable sized bush with more diversity than usual, with red beech, mountain beech, broadleaf shrubbery, bracken and tussock surrounds. Good range of common forest birds, including brown creeper, fantail, bellbird, rifleman, grey warbler and yellow breasted tit. Very good lakeshore diversity.
57A	31	Lake Johnson	F41 735 695	WERI, SSWI: An eutrophied lowland lake, rush and sedge swamp ( <i>Carex</i> species - Cyperaceae).

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69A	13	Shadow Basin Tarn	F41 798 639	Montane lake and montane flush surrounded by steep slopes of snow tussock, cushion vegetation and herb fields.
71A	13	Lake Alta (adjoins 70)	F41 801 632	WERI: A montane lake surrounded by steep snow tussock slopes with extensive cushion vegetation and herb fields.
72A	13	Upper Wye Lakes	F41 812 612	WERI: Four montane lakes surrounded by scree and snow tussock. Cushion vegetation and herb fields.
91A	5	Dingle Lagoon	G39 220 347	WERI SSWI: A lagoon with a sloping edge with good plant communities and populations of paradise shelduck, mallard, grey duck and Canada geese.
114A	6, 9	Mt Earnslaw Forest and Bush Remnants	E40	SSWI: A healthy area of bush with red beech, totara, mountain beech, <i>Grisilinea</i> , fuchsia, wineberry, <i>Coprosma</i> sp., hard fern. Good numbers of bush birds present, including yellow breasted tit, rifleman, bellbird, grey warbler and silvereye.
126A	32	Gorge Wetland Road	S132 555 720	Significant site of insects and plants ( <i>Carox socta</i> ).

### INDIGENOUS VEGETATION

Means vegetation that occurs naturally in New Zealand, or arrived in New Zealand without human assistance.

### CLEARANCE OF VEGETATION

Means the removal, trimming, felling, or modification of any vegetation and includes cutting, crushing, cultivation, spraying with herbicide or burning.

### (INCLUDES INDIGENOUS VEGETATION)

Clearance of vegetation includes, the deliberate application of water where it would change the ecological conditions such that the resident indigenous plant(s) are killed by competitive exclusion. Includes dryland cushion field species.

## Wilding Exotic Trees

### 23.9 Purpose

The purpose of these provisions is to prevent the spread of wilding exotic trees. Wilding is the term used for the natural regeneration or seedling spread of exotic trees, occurring in unintended locations and not managed for forestry production.

The District values and relies on its distinctive landscapes, open spaces and rural productive land for its social, cultural and economic wellbeing. Wilding trees are spreading across parts of the District and have visually degraded parts of the landscape, biodiversity values and can threaten the productive values of the soil resource. The spread of wilding trees has left other areas vulnerable to landscape and biodiversity degradation.

The Council manages existing wilding trees through the non-statutory document, 'The Wakatipu Wilding Conifer Strategy'. The District Plan also has a role in reducing the potential for wilding tree spread by controlling the planting of wilding potential species.

### 23.10 Objectives and Policies

23.10.1 **Objective 1 – Protect the District’s landscape, biodiversity and soil resource values from the spread of wilding exotic trees.**

#### Policies

23.10.1.1 Avoid the further spread of identified wilding tree species by prohibiting the planting of identified species.

### 23.11 Rules

23.11.1 **Clarification**

(a) Refer to the definitions in part X for the clarification of terms.

### 23.12 Activities – Planting of wilding exotic trees

Activities shall be subject to the following rules set out in Table 5.

	Table 5	All zones
23.12.1	Planting of the following: (a) Contorta or lodgepole pine (Pinus contorta) (b) Radiata Pine (Pinus radiata) (c) Scots pine (Pinus sylestris) (d) Douglas Fir (Pseudotsuga menziesii) (e) European larch (Larix decidua) (f) Corsican pine (Pinus nigra) (g) Bishops Pine (Pinus muricate) (h) Ponderosa Pine (Pinus Ponderosa) (i) Mountain Pine (Pinus mugo) (j) Maritime Pine (Pinus pinaster) (k) Sycamore (l) Hawthorn (m) Boxthorn	Prohibited

## **23 VEGETATION**

### **23.13 Exemptions**

23.13.1 For avoidance of doubt, species identified in Table 5, which are scheduled in Tables 23.18 – 23.19 shall be exempt from this rule.

# Protected Trees

## 23.14 Purpose

Trees have an important environmental, heritage and cultural role and collectively endow the rural and urban landscape with distinctive environmental quality and character.

The purpose of these provisions is to protect trees that have been identified as having high botanical, amenity and heritage values from avoidable removal. The provisions also recognise and provide for the retention and maintenance of trees that contribute to the amenity, character and heritage values of the Arrowtown Residential Historic Management Zone.

The focus is on the protection of trees from inappropriate removal or trimming, and to manage works within the root protection zone. However, it is recognised that there may be circumstances when substantial pruning or removal are unavoidable due to poor health or damage.

## 23.15 Objective and Policies

### 23.15.1 Objective 1 – Protect scheduled trees and groups of trees from avoidable removal or damage

#### Policies

- 23.15.1.1 Identify and schedule in the District Plan the District’s protected trees.
- 23.15.1.2 Protect scheduled trees from the avoidable removal, or the removal of the protected tree status from a tree, inappropriate trimming or destruction, recognising them as an important part of the character, amenity and heritage values of the District.
- 23.15.1.3 Recognise where genuine circumstances exist, the removal or significant trimming of protected trees may not be avoidable because the values of the tree for which it was protected have significantly deteriorated, or the tree is causing a hazard to life or property.
- 23.15.1.4 Permit works and maintenance to be undertaken on protected trees where the work will assist in maintaining the health of the tree.

### 23.15.2 Objective 2 – Protect trees in streets and public spaces within the Arrowtown Residential Historic Management Zone

#### Policies

- 23.15.2.1 Provide efficiencies to the Council where it is responsible for the conservation, maintenance and management of trees within streets and public spaces.
- 23.15.2.2 Recognise that trees within streets and public spaces provide a significant contribution to the amenity, heritage and biodiversity values of the Arrowtown Residential Historic Management Zone.
- 23.15.2.3 Protect trees within streets and public places in the Arrowtown Residential Historic Management Zone while acknowledging the primary function of streets and public spaces.

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23.15.3 **Objective 3 – Identify, protect and manage character trees and groups of trees within the Arrowtown Residential Historic Management Zone**

### Policies

23.15.3.1 Identify and schedule in the District Plan trees and groups of trees within the Arrowtown Residential Historic Management Zone that contribute to the zone's unique character and heritage values.

23.15.3.2 Protect or enhance Arrowtown's unique character and amenity by recognising the contribution trees and groups of trees make to Arrowtown's landscape, cultural identity and historic heritage values.

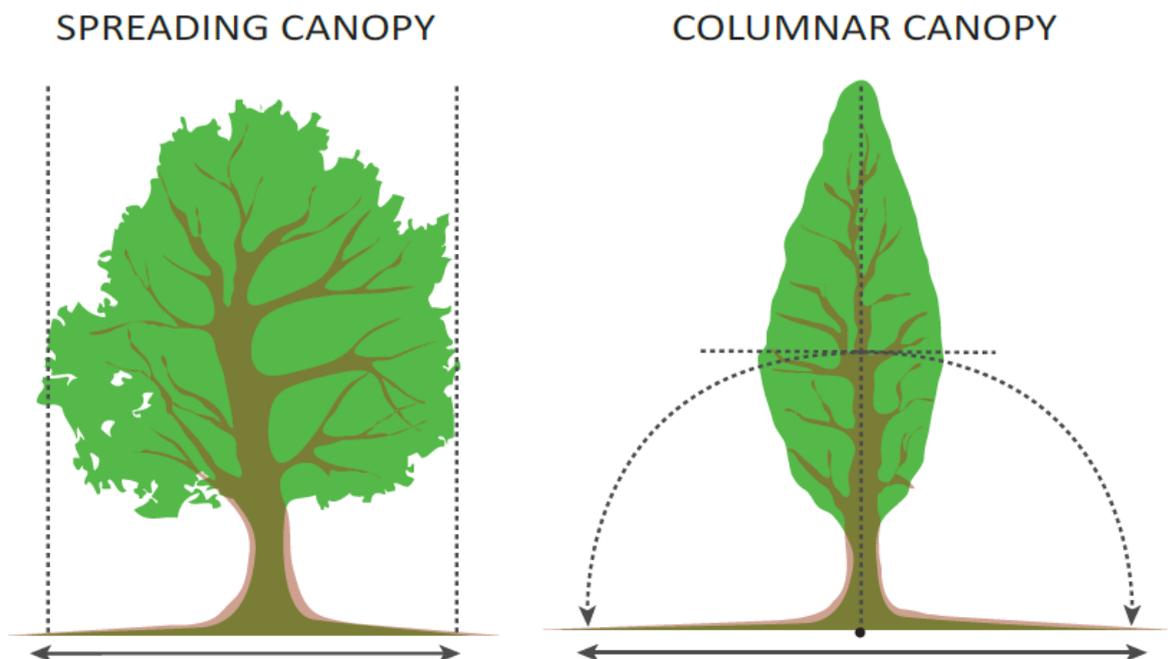
23.15.3.3 Acknowledge the important role trees and groups of trees have in contributing to the character and historic heritage of Arrowtown, despite that on an individual basis a tree or group of trees may not be significant in stature.

23.15.3.4 Have regard to the reasonable and efficient use of land anticipated in the Arrowtown Residential Historic Management zone, while ensuring the removal or modification of trees or groups of trees does not lead to the cumulative loss of Arrowtown's heritage character and amenity values.

### 23.16 Rules

23.16.1 **Clarification**

- **Root protection zone;** means for a tree with a spreading canopy, the area beneath the canopy spread of a tree, measured at ground level from the surface of the trunk, with a radius to the outer most extent of the spread of the tree's branches, and for a columnar tree, means the area beneath the canopy extending to a radius half the height of the tree. As demonstrated by the diagrams below.



- **Significant trimming** means; the removal of more than 10% of the live foliage from the canopy of the tree or structural scaffold branches.

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- **Minor trimming** means; the removal of not more than 10% of the live foliage from the canopy of the tree or structural scaffold branches.
- **Minor trimming of a hedgerow** means; the removal of not more than 50% of the live foliage.
- **Works within the root protection zone** includes paving, excavation, trenching, ground level changes, storage of materials or chemicals, vehicle traffic, vehicle parking, soil compaction, construction activity, whether on the same site or not as the tree.
- **Public space** in the context of these rules means the parts of the district that are owned and managed by the Queenstown Lakes District Council, are accessible to the public within the Residential Arrowtown Historic Management Zone including roads, parks and reserves.
- The following abbreviations are used in the tables. Any activity that is not permitted (P) or prohibited (PR) requires resource consent.

P	Permitted	C	Controlled
RD	Restricted Discretionary	D	Discretionary
NC	Non Complying	PR	Prohibited

## 23.17 Rules – Protected Trees

Activities involving protected trees listed in Schedule 23.19 shall be subject to the following rules set out in Table 6.

Table 6: Protected Trees	Activity Status
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<b>Table 6: Protected Trees</b>		<b>Activity Status</b>
23.17.1	Minor trimming of a protected tree and minor trimming of a protected hedgerow.	P
23.17.2	Significant trimming, removal, damage or destruction of a protected tree or hedgerow.	D
23.17.3	Any works within the root protection zone of a protected tree.	D
23.17.4	Maintenance of protected hedgerows comprising the trimming of not greater than 50% of the canopy provided such work is supervised by a qualified arborist first approved by the Queenstown Lakes District Council.	P
23.17.5	The removal or significant trimming of a protected tree where the tree is dead, diseased or likely to cause an imminent hazard to life or property.  Prior to the removal or significant trimming, persons must provide to the Council a report from a qualified arborist outlining the reasons for removal or significant trimming. Works must not commence prior to the Council confirming the permitted activity status of the removal or significant trimming of a protected tree.	P
23.17.6	Maintenance of the ground within the root protection zone such as lawn mowing or gardening, provided that the maintenance does not alter the ground levels, remove soil or cause damage to the tree root system.	P
23.17.7	Any works to a protected tree or activity within the root protection zone not provided for in Table 5.	D

Activities involving trees in streets and public spaces within the Arrowtown Residential Historic Management Zone, not scheduled as a protected tree in Part 23.18 – 23.19 shall be subject to the following rules set out in Table 7.

<b>Table 7: Trees in streets and public spaces within the Arrowtown Residential Historic Management Zone.</b>		<b>Activity Status</b>
<b>Works by the Council or its agent</b>		
23.17.8	Removal or significant trimming where the tree is dead or diseased and likely to cause an imminent hazard to life or property.	P
23.17.9	Tree trimming carried out by the Council or its agent.	P
23.17.10	Any works within the root protection zone of a tree.	P
23.17.11	The removal or significant trimming of any tree less than 4m in height.	P
23.17.12	The removal or significant trimming of any tree greater than 4m in height.	D
<b>Works by any other person or party</b>		

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<b>Table 7: Trees in streets and public spaces within the Arrowtown Residential Historic Management Zone.</b>		<b>Activity Status</b>
23.17.13	Significant trimming or removal.	D
23.17.14	Any works within the root protection zone of a tree.	D

Activities involving character trees or groups of trees listed in Schedule 23.18 shall be subject to the following rules set out in Table 8.

<b>Table 8: Trees and groups of trees within the Arrowtown Residential Historic Management Zone identified on the planning maps and scheduled as a character tree in Part 23.18.</b>	<b>Activity Status</b>
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## 23 VEGETATION

Table 8: Trees and groups of trees within the Arrowtown Residential Historic Management Zone identified on the planning maps and scheduled as a character tree in Part 23.18.		Activity Status
23.17.15	Significant trimming, removal, destruction or damage of a tree or hedgerow.	RD
23.17.16	Minor trimming of a tree or hedgerow.	P
23.17.17	Any works within the root protection zone of a tree or hedgerow, whether on the same site not.	RD
23.17.18	Any building, excavations or trenching for underground services within the root protection zone of a tree or hedge, whether on the same site not.	RD
23.17.19	Maintenance of a character hedgerow comprising the trimming of not greater than 50% of the canopy, provided such work is carried out under the authority and supervision by a qualified arborist first approved by the Queenstown Lakes District Council.	P
23.17.20	<p>The removal or significant trimming of a character where the tree is dead or diseased and likely to cause an imminent hazard to life or property.</p> <p>Prior to the removal or significant trimming, persons must provide to the Council a report from a qualified arborist outlining the reasons for removal or significant trimming. Works must not commence prior to the Council confirming the permitted activity status of the removal or significant trimming of a character tree.</p>	P
23.17.21	Maintenance of the ground within the root protection zone such as lawn mowing or gardening, provided that the maintenance does not alter the ground levels, remove soil or cause damage to the tree root system.	P
23.17.22	<p>Discretion is restricted to the following matters:</p> <p>Significant trimming, removal, destruction or damage:</p> <ul style="list-style-type: none"> <li>(a) The significance of the character, cultural and amenity values of the tree(s) and the degree to which the proposed trimming, works or removal would impact on those values.</li> <li>(b) The efficient use of land and resources, including reasonable sunlight into dwellings and building maintenance.</li> <li>(c) Whether the proposed works would maintain the values for which it was protected.</li> <li>(d) The merits of any substitute or compensating tree planting or landscaping.</li> <li>(e) Whether the removal of the tree or group of trees would create a cumulative adverse effect due to previous tree removals, whether on the same property or not.</li> </ul> <p>Works within the root protection zone:</p> <ul style="list-style-type: none"> <li>(f) Potential effects on the health or stability of the tree or hedgerow</li> <li>(g) Whether best practice methods will be used</li> <li>(h) Whether any alternatives are available</li> </ul>	

**23.18 Schedule of Character Trees in the Residential Arrowtown Character Zone**

23.18.1 *Proposed Planning Map [Click Here](#) for the proposed Arrowtown Character Tree District Plan Map*

Item	Address	Legal Description	Species	Contribution
1	3 Berkshire Street 5 Berkshire Street	Lot 1 DP 9213 Lot 2 DP 9123	Hawthorn hedge ( <i>Crataegus monogyna</i> ) English Oak ( <i>Quercus robur</i> ) cluster	Contributes to amenity of Arrow Lane and Town Centre
2	5 Berkshire Street	Lot 2 DP 9123	Cypress ( <i>Cupressus</i> sp)	Tall columnar distinctive evergreen tree in backdrop to Town Centre.
3	7 Berkshire Street	Lot 3 DP 9123	Norway Spruce ( <i>Picea abies</i> )	Tall landmark tree planted by settlers. Heritage and amenity values
4	9 Berkshire Street 11 Berkshire Street	Lot 4 Lot 2 DP 9123 Lot 5 Lot 2 DP 9123	Hawthorne hedge ( <i>Crataegus</i> sp)	Heritage and amenity value on Berkshire St
5	9, 11,12, 58 Wiltshire Street 10,12, 14, 14a Merioneth Street 5, 7 Hertford Street 2 Arrow Lane	Lot 2 DP 19690 Lot 1 DP 19537 Sections 1-4 SO 14012 Block I Town of Arrowtown Section 6 Block I Town of Arrowtown Section 7 Block I Town of Arrowtown Lot 2 DP 19573	Sycamore ( <i>Pseudoplatanus</i> ) Common Elm ( <i>Ulmus procera</i> )	Collectively significant grouping to character and amenity of lower Wiltshire St, Buckingham St and Library Green. Follows first terrace
6	16, 18 Wiltshire Street	Lot 1 DP 23743	Hawthorne hedge	Heritage and amenity
7	5 Denbigh Street	Lot 2 DP 11779	Copper beech ( <i>Fagus silvatica Purpurea</i> )	Amenity value. Only tall tree in this block.

## 23 VEGETATION

				Provides stature and amenity.
8	28 & 30 Buckingham St	NOT IN RAHMZ	English Oak ( <i>Quercus robur</i> )	Amenity value in town centre zone
9	10 Buckingham Street 2 Berkshire Street	PT SEC 6 BLK VII ARROWTOWN PT SECS 5-6 BLK VII ARROWTOWN TN PT SECS 5-6 BLK VII ARROWTOWN TN	Lombardy poplar ( <i>Populus nigra 'Italica'</i> ), Walnut ( <i>Juglans regia</i> )	Heritage and character
10	70 Buckingham Street	Lot 19 DP 9914	Red oak ( <i>Quercus rubra</i> ), Sycamore, Copper beech)	Large deciduous trees contributing to character and heritage. Sycamore planted by settlers.
11	11 Camp Lane	Lot 18 DP 9914	Sycamore	Heritage and amenity. Large deciduous tree
12	64-66 Buckingham Street 7-9 Merioneth Street 2 Camp Lane	Section 1, 2, 9, 10 Block XII Town of Arrowtown	Hawthorne hedges, Copper beech, Prunus sp, European Elm, Lombardy poplar	Heritage and amenity adjoining Buckingham St
13	51 Buckingham Street 2 Wiltshire Street	Part Section 1 Block X Town of Arrowtown Sections 6-7 Block X Town of Arrowtown	Claret Ash, Prunus sp, Acer sp	Amenity
14	5, 7, 9, 11 Surrey St	Lot 2 DP 408944	Lombardy poplar ( <i>P. nigra 'Italica'</i> ) and macrocarpa ( <i>Cuppressus macrocarpa</i> )	Heritage and rural character.
15	4 Merioneth Street	Town Section 5 Block X Town of Arrowtown	Prunus sp, walnut, red oak	Heritage and amenity
16	6 Merioneth Street	Lot 2 DP 12521	Copper beech ( <i>Fagus silvatica 'Purpurea'</i> )	Amenity
18	21 - 23 Merioneth Street	Section 13 Block XX Town of	Walnut	Heritage and amenity

# VEGETATION 23

		Arrowtown		
19	29 Merioneth Street	Section 3 Block XX Town of Arrowtown	Silver birch (Betula sp.) Partly on road reserve	Amenity value
20	11 Bedford Street 9 Bedford Street (Reserve)	Section 3 Block XXIV Town of Arrowtown Section 15 Block XXIV Town of Arrowtown	Sycamore (Acer Psuedoplatanus), European Ash (Fraxinus sp), Prunus spp. Hawthorne, Douglas fir (Psuedosuga menziesii)	Significant tree grouping that contributes to streetscape amenity and amenity of adjoining reserve.
21	17 Bedford Street 19 Bedford Street	Lot 8 DP 8405 Lot 7 DP 8405	Two x English Elm (Ulmus procera)	Forms part of historic avenue on intersection of Buckingham and Bedford Streets
22	14,16,18 Nairn Street	Lots 9, 10 and 11 DP 8405	Hawthorne hedge and Sycamore	Contributes to heritage and amenity values on Nairn St
23	30 Nairn Street	Lot 4 DP 9802	Walnut (Juglans regia)	Large deciduous nut tree with historic and amenity value
24	43 Buckingham St	Part Section 4 Block IX Town of Arrowtown	Privet hedge on Buckingham St frontage (Ligustrum ovalifolium), Ash (Fraxinus sp)	Amenity, streetscape character TOWN CENTRE ZONE
25	69 Buckingham Street 71 Buckingham Street	Section 3 Block XI Town of Arrowtown Lot 2 DP 15734 Lot 1 DP 15734	English oak (Quercus robur), Walnut (Juglans regia)	Heritage trees
26	69 Buckingham Street	Section 3 and Section 6 Block XI Town of Arrowtown	Lime (Tilia europaea)	Amenity and character
27	10,12, 14 Merioneth Street	Lot 2 DP 11593 Lot 1 DP 11593 Lot 1 DP 17118 Inclusive of Units A and C DP 2023	Poplar, (P. nigra 'Italica') sycamore 'Acer Psuedoplatanus' Fraxinus sp	Part of treed backdrop following river terrace and providing enclosure and backdrop to Library Green

## 23 VEGETATION

28	5 Hertford Street	Lot 2 DP 19573	Privet hedge	Amenity and heritage values
29	7 Hertford Street 14 Merioneth St	Lot 2 DP 17118 Lot 1 DP 17118 Inclusive of Units A and C DP 2023	Douglas fir ( <i>Psuedotsuga menziesii</i> )	Tall landmark tree planted by early settlers
30	13 Hertford Street	Lot 19 DP 9914	Walnut ( <i>Juglans regia</i> )	Tall edible nut tree. Representative of early settler plantings.
31	Upper Camp Lane linking through to Cardigan Street (overlaps 15,17,19, 21 Hertford St and 22,28 Cardigan Street)	Section 6 Block XII Town of Arrowtown Lot 14 DP 9914 Lot 13 DP 9914 Lot 15 DP 9914 Section 13 Block XII Town of Arrowtown Lot 12 DP 9914 Section 14 Block XII Town of Arrowtown	English Elm ( <i>Ulmus procera</i> ) Sycamore ( <i>Acer Psuedoplatanus</i> ), Rowan ( <i>Sorbus aucuparia</i> ), Douglas Fir ( <i>Psuedotsuga menziesii</i> ) 3 Walnuts ( <i>Juglans regia</i> )	Forms part of green belt following the first terrace above the Arrow River
32	21 Anglesea Street and Road Reserve	Part Section 6 Block II Town of Arrowtown	NZ Mountain Beech ( <i>Nothofagus solandri</i> var. <i>Cliffortioides</i> )	Good example of mountain beech. Provides link to natural beech in surrounding mountain gullies. There are few native beech growing within Arrowtowns Historic Zone.
33	20-22 Anglesea Street	Lot 3 DP 7794	Walnut, Cherry Plum	Heritage and amenity value
34	24 Anglesea Street	Lot 4 DP 7794	Copper Beech ( <i>Fagus silvatica</i> 'Purpurea'), Walnut ( <i>Juglans regia</i> )	Large amenity tree in neighbourhood with few tall trees
35	9 Anglesea Street	Section 7 Block V Town of Arrowtown	Privet hedge on frontage and fruit trees at	Heritage and amenity value

# VEGETATION 23

			rear	
37	11 Anglesea Street	Lot 2 DP 11488	Mixed species hedge on front boundary (Viburnum, Privet, Lilac)	Heritage and amenity
38	9 Denbigh Street	Section 4 Block II Town of Arrowtown	Lilac (Syringa) Pittosporum, Flowering quince (Chaenomeles), Privet (Ligustrum ovalifolium)	Good example of a tapestry hedge of multiple sp.  Hedge is on Anglesea St boundary
40	13 and 15 Berkshire Street	Section 2 Block IV Town of Arrowtown  Section 1 Block IV Town of Arrowtown	Red oak (Quercus rubra), Pin oak (Quercus palustris), Kowhai (Sophora microphylla), Poplar sp (Populus sp), cherry laurel (Prunus laurocerasus)	This section belonging to the Anglican Church is unbuilt on and provides visual relief and amenity on the corner of Berkshire and Anglesea Streets.
41	1&5 Anglesea Street	Section 15 Block V Town of Arrowtown  Section 11 Block V Town of Arrowtown  Sections 1 -2 SO 339000  Part Section 11 Block V Town of Arrowtown	English Elm (Ulmus procera), Flowering Quince, (Chaenomeles japonica), Mountain beech,(Nothofagus solandri 'Cliffortoides') Walnut (Juglans regia), Broadleaf Griselinia littoralis) English  Oak (Quercus robur), Gooseberry (Ribes ulva crispa), crabapple (Malus sp)	Vegetation bordering Rose Douglas Park and 5 Anglesea St. Provides enclosure, amenity and screening to park
42	5 Anglesea Street	Part Section 11 Block V Town of Arrowtown	Chaenomeles & Privet hedge	Contributes to historic streetscape on Anglesea St.
44	15 Berkshire Street  17 Berkshire Street	Section 2 Block IV Town of Arrowtown  Section 3 Block IV Town of Arrowtown	Cherry laurel, English elm, Picea sp	Contribute to setting and context of historic Anglican timber church
45	10,22,24,26 Berkshire Street	Sections 1, 2, 3, 4, Block VIII Town of Arrowtown	Holly hedge	Contributes to historic character of Berkshire St avenue
46	19, 21 Berkshire Street	Part Section 1 Block XIV Town of Arrowtown	Hawthorne and English Elm hedge	Contributes to historic character of Berkshire St avenue  (Note: hedge on 19 Berkshire St continues

## 23 VEGETATION

		Lot 3 DP 18207		into Caernarvon St)
47	14,16,18 Caernarvon Street	Section 2, 3, 4 Block XIV Town of Arrowtown	Fruit trees	Part of early orchard. Heritage values
48	18 Caernarvon Street	Section, 4 Block XIV Town of Arrowtown	Red Oak, Walnut trees, fruit trees and Hawthorne hedge	Amenity and streetscape character
49	20 and 22 Caernarvon Street	Section, 5 Block XIV Town of Arrowtown Lot 1 DP 10960	Walnut	Tall edible tree representative of trees planted by early settlers
50	24 Caernarvon Street	Lot 2 DP 10960	Lonicera hedge	Historic character to timber bungalow and wider streetscape
51	25 Caernarvon Street	Part Section 9 Block IV Town of Arrowtown	Walnut	Tall edible tree representative of trees planted by early settlers
52	22 Denbigh Street	Lot 2 DP 15455	Walnut	Amenity and heritage value
53	21 Denbigh Street	Section 1 Block XV Town of Arrowtown	English Oak	Tall mature tree. Amenity values
54	34 and 36 Caernarvon Street	Section and Section 2 Block XV Town of Arrowtown	Two Walnut Trees	Early planting with heritage and amenity values
55	40 Caernarvon Street	Lot 2 DP 12438	Copper Beech	Tall amenity tree in prominent location
56	34 Merioneth Street	Section 8 Block III Town of Arrowtown	Copper beech, Hawthorne hedge, Red Oak, Prunus sp	Copper beech is a distinctive tall tree and hawthorne hedge contributes to heritage and amenity
57	31 Merioneth Street 33 Merioneth Street	Section 2 Block XX Town of Arrowtown Section 1 Block XX Town of Arrowtown	Lombardy poplar, Sycamore Damson plum, Hawthorne hedge, Quercus sp assorted fruit trees eg Pear, apricot, cherry laurel	Heritage values associated with historic Tobins Cottage. Contributes to old town character
58	37 and 33 Caernarvon Street	Part Section 4 Block III Town of Arrowtown South ½ of Part Section 5 Block III	Hawthorne hedge	Heritage character and amenity

## VEGETATION 23

		Town of Arrowtown		
59	19 Denbigh Street	Part Section 4 Block III Town of Arrowtown	Almond, lilac, walnut, and hedge consisting of cotoneaster, pittosporum and viburnum	Heritage character and amenity
60	5, 7, 9,11 Surrey Street 3-7 Villiers Street	Lot 1 DP 408944 Lot 2 DP 408944 Lot 3 DP 408944 Section 4 SO 416155 Road Reserve	Fruit trees, walnut, monkey puzzle	Heritage values (Redihaven) and botanical interest
61	1 Villiers Street	Section 2 SO 472628	Cypress sp (Cupressus sp)	Tall conifer. Heritage character and amenity
62	1-13 Cardigan Street t	Lot 6 DP 11786	Red Oak (Quercus rubra)	Heritage character and amenity
63	78 Buckingham Street	Lot 4 DP 9914	Lombardy poplar (Populus sp)	Heritage character and amenity
64	4, 6,8 Hertford Street	Section 2, Section 3, Section 4 Block V Town of Arrowtown	Holly and hawthorn hedges	Heritage character and amenity
65	41 Caernarvon Street 34 Merioneth Street	Section 7 Block III Town of Arrowtown	Copper beech, Hawthorn hedge	Heritage character and amenity
66	10 Hertford Street	Lot 1 DP 7793	Hawthorne hedge	Heritage character and amenity

# 23 VEGETATION

## 23.19 Schedule of Protected Trees District Wide

23.19.1 *Proposed Planning Map [Click Here](#) for the proposed District Wide Protected Tree District Plan Map*

\*Items are located on road, lake or river and the land it is located within does not have a legal description. The legal description and parcel ID shown are the closest proximity to that item and are for reference purposes.

Tree Ref.	Botanical Name	Map	Legal Description		Parcel ID	Road /Water Margin*
1	Eucalyptus globulus		Lot 1	DP 334121	6701399	†
2	Eucalyptus globulus		Lot 123	DP 9161	3090349	†
2	Eucalyptus globulus		Lot 123	DP 9161	3090349	†
2	Eucalyptus leucoxyton		Lot 123	DP 9161	3090349	†
2	Eucalyptus globulus		Lot 123	DP 9161	3090349	†
2	Eucalyptus cinerea		Section 2	SO 421664	7191348	†
2	Eucalyptus leucoxyton		Pt Lot 255	DP 7086	7204858	†
4	Crataegus monogyna		Lot 6	DP 360656	6829706	
5	Juglans regia		Section 15 Blk XX	TN OF Arrowtown	3065305	
9	Quercus rubra		Lot 2	DP 12884	3129516	
10	Aesculus hippocastanum		Lot 9	DP 22121	3096248	
10	Pyrus communis		Lot 9	DP 22121	3096248	
10	Pyrus communis		Lot 9	DP 22121	3096248	
10	Ulmus glabra 'Lutescens'		Lot 2	DP 476309	7534358	
11	Ulmus glabra 'horizontalis'		Lot 1	DP 365052	6838201	†
146	Acer palmatum		Section 1 Blk XVIII	TN OF Queenstown	3057935	†
147	Sequoiadendron giganteum		Section 7 Blk XXXI	TN OF Queenstown	3014700	
147	Sequoiadendron giganteum		Section 17 Blk XVI	TN OF Queenstown	3047281	†
148	Ulmus procera		Lot 2	DP 18459	3124308	
148	Fraxinus excelsior		Lot 2	DP 18459	3124308	
148	Acer psuedoplatanus		Lot 2	DP 18459	3124308	
149	Sequoiadendron giganteum		Pt Block LVI	TN OF Queenstown	3088070	†

## VEGETATION 23

150	<i>Sorbus acuparia</i>		Section 1 Blk XXXIIA	TN OF Queenstown	3090844	†
151	<i>Sequoiadendron giganteum</i>		Pt Block LVI	TN OF Queenstown	3088070	†
152	<i>Sequoiadendron giganteum</i>		Pt Section 1 Blk XXXVII	TN OF Queenstown	3094584	†
153	<i>Tilia x europaea</i>		Section 4 Blk XX	TN OF Queenstown	3117540	†
153	<i>Tilia x europaea</i>		Section 5 Blk XX	TN OF Queenstown	3110906	
155	<i>Araucaria araucana</i>		Pt Section 7 Blk LI	TN OF Queenstown	3006370	
155	<i>Abies grandis</i>		Pt Section 7 Blk LI	TN OF Queenstown	3006370	
155	<i>Abies grandis</i>		Pt Section 7 Blk LI	TN OF Queenstown	3006370	
155	<i>Sequoiadendron giganteum</i>		Pt Section 7 Blk LI	TN OF Queenstown	3006370	
155	<i>Sequoiadendron giganteum</i>		Pt Section 7 Blk LI	TN OF Queenstown	3006370	
155	<i>Sequoiadendron giganteum</i>		Pt Section 7 Blk LI	TN OF Queenstown	3006370	
155	<i>Sequoiadendron giganteum</i>		Pt Section 7 Blk LI	TN OF Queenstown	3006370	
155	<i>Sequoiadendron giganteum</i>		Pt Section 7 Blk LI	TN OF Queenstown	3006370	
156	<i>Populus nigra 'italica'</i>		Section 2 Blk XVII	TN OF Queenstown	3006646	†
156	<i>Populus nigra 'italica'</i>		Section 2 Blk XVII	TN OF Queenstown	3006646	†
156	<i>Populus nigra 'italica'</i>		Section 2 Blk XVII	TN OF Queenstown	3006646	†
156	<i>Populus nigra 'italica'</i>		Section 2 Blk XVII	TN OF Queenstown	3006646	†
156	<i>Populus nigra 'italica'</i>		Section 2 Blk XVII	TN OF Queenstown	3006646	†
156	<i>Populus nigra 'italica'</i>		Section 2 Blk XVII	TN OF Queenstown	3006646	†
156	<i>Populus nigra 'italica'</i>		Section 2 Blk XVII	TN OF Queenstown	3006646	†
156	<i>Populus nigra 'italica'</i>		Section 2 Blk XVII	TN OF Queenstown	3006646	†
156	<i>Populus nigra 'italica'</i>		Pt Section 110 Blk XX	Shotover SD	3066939	†
156	<i>Populus nigra 'italica'</i>		Pt Section 110 Blk XX	Shotover SD	3066939	†
156	<i>Populus nigra 'italica'</i>		Pt Section	Shotover SD	3066939	†

## 23 VEGETATION

			110 Blk XX			
156	<i>Populus nigra 'italica'</i>		Pt Section 110 Blk XX	Shotover SD	3066939	†
156	<i>Populus nigra 'italica'</i>		Pt Section 110 Blk XX	Shotover SD	3066939	†
156	<i>Populus nigra 'italica'</i>		Pt Section 110 Blk XX	Shotover SD	3066939	†
156	<i>Populus nigra 'italica'</i>		Pt Section 110 Blk XX	Shotover SD	3066939	†
156	<i>Populus nigra 'italica'</i>		Pt Section 110 Blk XX	Shotover SD	3066939	†
157	<i>Tilia x europaea</i>		Section 2 Blk XVII	TN OF Queenstown	3006646	
159	<i>Sequoiadendron giganteum</i>		Pt Section 110 Blk XX	Shotover SD	3066939	†
159	<i>Sequoiadendron giganteum</i>		Pt Section 110 Blk XX	Shotover SD	3066939	†
159	<i>Sequoiadendron giganteum</i>		Pt Section 110 Blk XX	Shotover SD	3066939	†
159	<i>Sequoiadendron giganteum</i>		Pt Section 110 Blk XX	Shotover SD	3066939	
162	<i>Sequoiadendron giganteum</i>		Lot 300	DP 365562	6850465	
163	<i>Populus nigra 'italica'</i>		Pt Section 1	SO 24109	6646572	
164	<i>Cedrus atlantica</i>		Pt Section 8 Blk I	Earnslaw SD	3119617	
165	<i>Picea smithiana</i>		Section 27 Blk I	Earnslaw SD	3035793	
165	<i>Picea smithiana</i>		Section 27 Blk I	Earnslaw SD	3035793	
166	<i>Pinus lambertiana</i>		Section 28 Blk I	Earnslaw SD	3123430	
166	<i>Pinus lambertiana</i>		Section 28 Blk I	Earnslaw SD	3123430	
166	<i>Pinus lambertiana</i>		Section 28 Blk I	Earnslaw SD	3123430	
166	<i>Pinus lambertiana</i>		Section 27 Blk I	Earnslaw SD	3035793	
168	<i>Juglans regia</i>		Section 134 Blk XX	Shotover SD	3034925	
169	<i>Magnolia grandiflora</i>		Lot 4	DP 385775	6951618	
170	<i>Aesculus x carnea</i>		Lot 1	DP 395546	7015150	
171	<i>Juglans regia</i>		Lot 1	DP 395546	7015150	

## VEGETATION 23

172	<i>Tilia x europaea</i>		Lot 2	DP 366461	6860428	
172	<i>Tilia x europaea</i>		Lot 2	DP 366461	6860428	
173	<i>Arbutus unedo</i>		Lot 2	DP 366461	6860428	
174	<i>Pseudotsuga menziesi</i>		Lot 2	DP 366461	6860428	
175	<i>Fagus sylvatica</i>		Lot 2	DP 366461	6860428	
179	<i>Acer saccharum</i>		Lot 2	DP 366461	6860428	
180	<i>Sequoiadendron giganteum</i>		Lot 2	DP 366461	6860428	
181	<i>Juglans regia</i>		Lot 1	DP 22310	3121566	
182	<i>Quercus robur</i>		Lot 1	DP 22310	3121566	
184	<i>Cedrus libani</i>		Lot 1	DP 22310	3121566	
185	<i>Picea abies</i>		Lot 1	DP 22310	3121566	
186	<i>Sorbus domestica</i>		Lot 1	DP 22310	3121566	
187	<i>Sequoiadendron giganteum</i>		Lot 1	DP 22310	3121566	
189	<i>Pseudotsuga menziesi</i>		Section 16 Blk III	Mid Wakatipu SD	3280550	
192	<i>Laurus nobilis</i>		Crown Land Block II Mid Wakatipu Survey District		3243812	
193	<i>Acer pseudoplatanus</i>		Crown Land Block II Mid Wakatipu Survey District		3243812	
194	<i>Taxus baccata</i> 'fastigiata'		Section 15 Blk III	Mid Wakatipu SD	3242467	
195	<i>Sequoiadendron giganteum</i>		Section 4 Blk XXIII	TN OF Queenstown	3164182	
196	<i>Sequoiadendron giganteum</i>		Lot 1	DP 18109	3044406	
197	<i>Populus nigra</i> 'italica'		Section 1	SO 325746	6644055	
198	<i>Cedrus deodara</i>		Pt Block XXXII	TN OF Queenstown	3035554	
198	<i>Cedrus deodara</i>		Pt Block XXXII	TN OF Queenstown	3035554	
198	<i>Cedrus deodara</i>		Pt Block XXXII	TN OF Queenstown	3035554	
199	<i>Ulmus glabra</i> 'horizontalis'		Section 2 Blk XVI	TN OF Queenstown	3008324	
201	<i>Populus nigra</i>		Section 1	SO 325746	6644055	†
204	<i>Juglans regia</i>		Lot 3	DP 336365	6694960	

## 23 VEGETATION

204	Juglans regia		Lot 3	DP 336365	6694960	
204	Juglans regia		Lot 7	DP 336365	6694964	
204	Juglans regia		Lot 11	DP 336365	6694968	†
204	Juglans regia		Lot 11	DP 336365	6694968	
204	Juglans regia		Lot 11	DP 336365	6694968	
204	Juglans regia		Lot 16	DP 336365	6694973	†
204	Juglans regia		Lot 65	DP 345265	6746106	
204	Juglans regia		Lot 67	DP 345265	6746108	†
204	Juglans regia		Lot 71	DP 345265	6746112	
204	Juglans regia		Lot 72	DP 403132	7109350	
204	Juglans regia		Lot 72	DP 403132	7109350	
204	Juglans regia		Lot 72	DP 403132	7109350	
204	Juglans regia		Lot 72	DP 403132	7109350	
204	Juglans regia		Lot 72	DP 403132	7109350	
204	Juglans regia		Lot 72	DP 403132	7109350	
204	Juglans regia		Lot 72	DP 403132	7109350	
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204	Juglans regia		Lot 72	DP 403132	7109350	
204	Juglans regia		Lot 72	DP 403132	7109350	
204	Juglans regia		Lot 72	DP 403132	7109350	
204	Juglans regia		Lot 72	DP 403132	7109350	
204	Juglans regia		Lot 74	DP 403132	7109352	
204	Juglans regia		Lot 74	DP 403132	7109352	
204	Juglans regia		Lot 74	DP 403132	7109352	
204	Juglans regia		Lot 74	DP 403132	7109352	
204	Juglans regia		Lot 74	DP 403132	7109352	
204	Juglans regia		Lot 74	DP 403132	7109352	
204	Juglans regia		Lot 74	DP 403132	7109352	
204	Juglans regia		Lot 302	DP 403132	7109354	
204	Juglans regia		Lot 302	DP 403132	7109354	
204	Juglans regia		Lot 302	DP 403132	7109354	
204	Juglans regia		Lot 302	DP 403132	7109354	
204	Juglans regia		Lot 302	DP 403132	7109354	
204	Juglans regia		Lot 302	DP 403132	7109354	
204	Juglans regia		Lot 302	DP 403132	7109354	



## 23 VEGETATION

204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 301	DP 336365	6695024	
204	Juglans regia		Lot 64	DP 403132	7109349	
204	Juglans regia		Lot 64	DP 403132	7109349	
204	Juglans regia		Lot 64	DP 403132	7109349	
204	Juglans regia		Lot 64	DP 403132	7109349	
204	Juglans regia		Lot 64	DP 403132	7109349	
204	Juglans regia		Lot 73	DP 403132	7109351	
204	Juglans regia		Lot 73	DP 403132	7109351	
204	Juglans regia		Lot 73	DP 403132	7109351	
204	Juglans regia		Lot 73	DP 403132	7109351	
204	Juglans regia		Lot 73	DP 403132	7109351	
204	Juglans regia		Lot 73	DP 403132	7109351	
204	Juglans regia		Lot 73	DP 403132	7109351	
204	Juglans regia		Lot 73	DP 403132	7109351	
204	Juglans regia		Lot 73	DP 403132	7109351	
204	Juglans regia		Lot 75	DP 403132	7109353	
204	Juglans regia		Lot 75	DP 403132	7109353	
204	Juglans regia		Lot 75	DP 403132	7109353	
205	Robinia pseudoacacia		Lot 1	DP 307882	6564888	



## 23 VEGETATION

209	Populus nigra 'italica'		Lot 6	DP 301618	6524760	†
209	Populus nigra 'italica'		Lot 6	DP 301618	6524760	†
209	Populus nigra 'italica'		Lot 6	DP 301618	6524760	†
209	Populus nigra 'italica'		Lot 6	DP 301618	6524760	†
209	Populus nigra 'italica'		Lot 6	DP 301618	6524760	†
209	Populus nigra 'italica'		Lot 6	DP 301618	6524760	†
209	Populus nigra 'italica'		Lot 6	DP 301618	6524760	†
209	Populus nigra 'italica'		Lot 6	DP 301618	6524760	†
209	Populus nigra 'italica'		Lot 6	DP 301618	6524760	†
209	Populus nigra 'italica'		Lot 6	DP 301618	6524760	
209	Populus nigra 'italica'		Lot 6	DP 301618	6524760	
209	Populus nigra 'italica'		Lot 2	DP 312744	6649420	†
209	Populus nigra 'italica'		Lot 2	DP 312744	6649420	†
209	Populus nigra 'italica'		Lot 2	DP 312744	6649420	†
209	Populus nigra 'italica'		Lot 2	DP 312744	6649420	†
209	Populus nigra 'italica'		Lot 2	DP 416007	7167723	†
209	Populus nigra 'italica'		Lot 2	DP 416007	7167723	†
209	Populus nigra 'italica'		Lot 2	DP 416007	7167723	†
209	Populus nigra 'italica'		Lot 2	DP 416007	7167723	
209	Populus nigra 'italica'		Lot 2	DP 416007	7167723	
209	Populus nigra 'italica'		Lot 2	DP 416007	7167723	
209	Populus nigra 'italica'		Lot 2	DP 416007	7167723	
209	Populus nigra 'italica'		Lot 2	DP 416007	7167723	
209	Populus nigra 'italica'		Lot 1	DP 420442	7193583	†
209	Populus nigra 'italica'		Lot 1	DP 420442	7193583	†
209	Populus nigra 'italica'		Lot 1	DP 420442	7193583	†
209	Populus nigra 'italica'		Lot 1	DP 420442	7193583	†
209	Populus nigra 'italica'		Lot 1	DP 420442	7193583	†
209	Populus nigra 'italica'		Lot 1	DP 420442	7193583	†
209	Populus nigra 'italica'		Lot 1	DP 420442	7193583	
209	Populus nigra 'italica'		Lot 1	DP 420442	7193583	



## 23 VEGETATION

209	Populus nigra 'italica'		Lot 3	DP 416007	7167724	†
209	Populus nigra 'italica'		Lot 3	DP 416007	7167724	†
209	Populus nigra 'italica'		Lot 3	DP 416007	7167724	†
209	Populus nigra 'italica'		Lot 3	DP 416007	7167724	†
209	Populus nigra 'italica'		Lot 3	DP 416007	7167724	†
209	Populus nigra 'italica'		Lot 3	DP 416007	7167724	†
209	Populus nigra 'italica'		Lot 3	DP 416007	7167724	
209	Populus nigra 'italica'		Lot 3	DP 416007	7167724	
209	Populus nigra 'italica'		Lot 3	DP 416007	7167724	
209	Populus nigra 'italica'		Lot 3	DP 416007	7167724	
209	Populus nigra 'italica'		Lot 2	DP 420442	7193584	†
209	Populus nigra 'italica'		Lot 2	DP 420442	7193584	†
209	Populus nigra 'italica'		Lot 2	DP 420442	7193584	
209	Populus nigra 'italica'		Lot 1	DP 441466	7346086	†
209	Populus nigra 'italica'		Lot 1	DP 441466	7346086	†
209	Populus nigra 'italica'		Lot 1	DP 441466	7346086	†
209	Populus nigra 'italica'		Lot 1	DP 441466	7346086	
209	Populus nigra 'italica'		Lot 100	DP 441466	7346090	
212	Acer saccharum		Lot 1	DP 22658	3027334	
214	Cedrus deodara		Lot 1	DP 354070	6776026	
214	Cedrus deodara		Lot 1	DP 354070	6776026	
214	Cedrus deodara		Lot 1	DP 354070	6776026	
214	Cedrus deodara		Lot 1	DP 354070	6776026	
214	Sequoiadendron giganteum		Lot 1	DP 354070	6776026	
214	Quercus robur		Lot 1	DP 354070	6776026	
214	Quercus robur		Lot 1	DP 354070	6776026	
214	Quercus robur		Lot 1	DP 354070	6776026	
214	Quercus robur		Lot 1	DP 354070	6776026	
214	Quercus robur		Lot 1	DP 354070	6776026	
214	Quercus robur		Lot 1	DP 354070	6776026	
214	Quercus robur		Lot 1	DP 354070	6776026	
214	Quercus robur		Lot 1	DP 354070	6776026	
215	Sequoiadendron giganteum		Lot 2	DP 362778	6860714	
215	Sequoiadendron giganteum		Lot 2	DP 362778	6860714	

## VEGETATION 23

215	Chamaecyparis lawsoniana		Lot 2	DP 362778	6860714	
215	Tilia x europaea		Lot 2	DP 362778	6860714	
215	Tilia x europaea		Lot 2	DP 362778	6860714	
215	Tilia x europaea		Lot 2	DP 362778	6860714	
215	Tilia x europaea		Lot 2	DP 362778	6860714	
239	Castanea sativa		Lot 41	DP 7926	3072118	
240	Eucalyptus gunnii		Lot 2	DP 361132	6867137	
240	Eucalyptus gunnii		Lot 2	DP 361132	6867137	†
241	Eucalyptus sp.		Lot 6	DP 313833	6589105	
242	Quercus robur		Pt Lot 2	DP 24234	6516103	
242	Quercus robur		Pt Lot 2	DP 24234	6516103	
242	Quercus robur		Pt Lot 2	DP 24234	6516103	
242	Quercus robur		Pt Lot 2	DP 24234	6516103	
242	Quercus robur		Pt Lot 2	DP 24234	6516103	
242	Quercus robur		Pt Lot 2	DP 24234	6516103	
244	Sequoiadendron giganteum		Lot 5	DP 351561	6779755	
245	Tilia x europaea		Pt Recreation Reserve Block XV Town of Queenstown		3161098	
246	Ulmus procera		Section 25C Blk VII	Shotover SD	3003569	
246	Ulmus procera		Section 25C Blk VII	Shotover SD	3003569	
246	Ulmus procera		Section 25D Blk VII	Shotover SD	3135314	†
246	Ulmus procera		Section 25D Blk VII	Shotover SD	3135314	†
246	Ulmus procera		Section 25D Blk VII	Shotover SD	3135314	†
246	Ulmus procera		Section 25D Blk VII	Shotover SD	3135314	
246	Ulmus minor		Section 25D Blk VII	Shotover SD	3135314	
246	Ulmus minor		Section 25D Blk VII	Shotover SD	3135314	
246	Ulmus minor		Lot 4	DP 18290	3120402	

## 23 VEGETATION

247	Aesculus hippocastanum		Pt Section 6 Blk XX	Shotover SD	6886662	†
263	Sequoiadendron giganteum		Lot 2	DP 15580	3066887	
264	Ulmus procera		Lot 19	DP 8405	3003317	
264	Acer psuedoplatanus		Lot 19	DP 8405	3003317	
264	Fraxinus sp.		Lot 4	DP 8405	3089336	
264	Ulmus procera		Lot 4	DP 8405	3089336	†
264	Sorbus acuparia		Lot 4	DP 8405	3089336	†
264	Acer psuedoplatanus		Lot 1	DP 11214	3101116	
264	Acer psuedoplatanus		Lot 1	DP 8405	3102324	
264	Ulmus procera		Lot 1	DP 8405	3102324	
264	Ulmus procera		Lot 1	DP 8405	3102324	
264	Ulmus procera		Lot 2	DP 9802	3139413	†
264	Quercus robur		Lot 2	DP 9802	3139413	
264	Fraxinus excelsior		Lot 21	DP 8405	3140831	
264	Quercus robur		Lot 21	DP 8405	3140831	
264	Quercus robur		Lot 2	DP 8405	3142554	
264	Ulmus procera		Lot 1	DP 21140	3167832	
264	Ulmus procera		Lot 1	DP 23589	3012034	†
264	Quercus robur		Lot 6	DP 8405	3044419	
264	Acer psuedoplatanus		Lot 5	DP 8405	3046547	
264	Acer psuedoplatanus		Lot 5	DP 8405	3046547	
264	Acer psuedoplatanus		Lot 5	DP 8405	3046547	
264	Acer psuedoplatanus		Lot 5	DP 8405	3046547	†
264	Acer psuedoplatanus		Lot 3	DP 8405	3059634	
264	Ulmus procera		Lot 6	DP 11786	3102155	†
264	Ulmus procera		Lot 6	DP 11786	3102155	†
264	Fraxinus excelsior		Lot 6	DP 11786	3102155	†
264	Ulmus procera		Lot 5	DP 11786	3144953	†
264	Ulmus procera		Lot 5	DP 11786	3144953	†
264	Ulmus procera		Lot 5	DP 11786	3144953	†
266	Sequoiadendron giganteum		Section 2 Blk XVIII	TN OF Arrowtown	3149027	†
266	Sequoiadendron giganteum		Lot 3	DP 18207	3162756	†

## VEGETATION 23

267	<i>Picea abies</i>		Lot 1	DP 8232	3131205	
268	<i>Acer psuedoplatanus</i>		Section 2 Blk XI	TN OF Arrowtown	3016770	
268	<i>Acer psuedoplatanus</i>		Section 2 Blk XI	TN OF Arrowtown	3016770	
268	<i>Acer psuedoplatanus</i>		Section 2 Blk XI	TN OF Arrowtown	3016770	
268	<i>Acer psuedoplatanus</i>		Lot 1	DP 26376	3062051	
268	<i>Fraxinus excelsior</i>		Lot 2	DP 9914	3102273	†
268	<i>Ulmus procera</i>		Lot 3	DP 9914	3117837	
268	<i>Ulmus procera</i>		Lot 1	DP 15734	3141656	†
268	<i>Ulmus procera</i>		Lot 1	DP 15734	3141656	†
268	<i>Ulmus procera</i>		Lot 1	DP 15734	3141656	†
268	<i>Ulmus procera</i>		Lot 1	DP 15734	3141656	
268	<i>Populus nigra 'italica'</i>		Section 1 Blk XII	TN OF Arrowtown	3143545	
268	<i>Populus nigra 'italica'</i>		Section 1 Blk XII	TN OF Arrowtown	3143545	
268	<i>Ulmus procera</i>		Section 1 Blk XII	TN OF Arrowtown	3143545	†
268	<i>Ulmus procera</i>		Section 1 Blk I	TN OF Arrowtown	3145111	†
268	<i>Fraxinus excelsior</i>		Section 1 Blk I	TN OF Arrowtown	3145111	†
268	<i>Acer psuedoplatanus</i>		Lot 19	DP 9914	3013186	†
268	<i>Ulmus procera</i>		Section 4 Blk I	TN OF Arrowtown	3013799	†
268	<i>Acer psuedoplatanus</i>		Section 4 Blk I	TN OF Arrowtown	3013799	†
268	<i>Acer psuedoplatanus</i>		Pt Section 1 Blk X	TN OF Arrowtown	3025337	
268	<i>Acer psuedoplatanus</i>		Pt Section 3 Blk X	TN OF Arrowtown	3035042	
268	<i>Fraxinus excelsior</i>		Pt Section 3 Blk X	TN OF Arrowtown	3035042	
268	<i>Acer psuedoplatanus</i>		Section 2 Blk I	TN OF Arrowtown	3046312	†
268	<i>Ulmus procera</i>		Section 2 Blk I	TN OF Arrowtown	3046312	†
268	<i>Fraxinus excelsior</i>		Section 2 Blk I	TN OF Arrowtown	3046312	†

## 23 VEGETATION

268	<i>Acer psuedoplatanus</i>		Lot 1	DP 12521	3061638	†
268	<i>Ulmus procera</i>		Lot 1	DP 12521	3061638	†
268	<i>Acer psuedoplatanus</i>		Lot 1	DP 12521	3061638	†
268	<i>Fraxinus excelsior</i>		Lot 1	DP 10422	3061646	
268	<i>Fraxinus excelsior</i>		Lot 1	DP 10422	3061646	
268	<i>Acer psuedoplatanus</i>		Section 3 Blk XI	TN OF Arrowtown	3102290	
268	<i>Acer psuedoplatanus</i>		Section 3 Blk XI	TN OF Arrowtown	3102290	
268	<i>Fraxinus excelsior</i>		Pt Section 3 Blk X	TN OF Arrowtown	3146104	†
269	<i>Abies cephalonica</i>		Lot 2	DP 480129	7554814	
270	<i>Ulmus glabra</i> 'horizontalis'		Section 15 Blk V	TN OF Arrowtown	3043960	
271	<i>Quercus palustris</i>		Section 15 Blk V	TN OF Arrowtown	3043960	
272	<i>Pyrus communis</i>		Lot 1	DP 11488	3016834	
273	<i>Catalpa bignonioides</i>		Section 4 Blk XIII	TN OF Arrowtown	3077834	†
274	<i>Juglans regia</i>		Lot 1	DP 5746	3083453	
276	<i>Sequoiadendron giganteum</i>		Section 2 Blk XXII	TN OF Arrowtown	3023911	
276	<i>Sequoiadendron giganteum</i>		Section 2 Blk XXII	TN OF Arrowtown	3023911	
276	<i>Sequoiadendron giganteum</i>		Section 3 Blk XXII	TN OF Arrowtown	3152571	
276	<i>Sequoiadendron giganteum</i>		Section 3 Blk XXII	TN OF Arrowtown	3152571	
277	<i>Sequoiadendron giganteum</i>		Lot 3	DP 342248	6728643	
277	<i>Sequoiadendron giganteum</i>		Lot 2	DP 342248	6728642	
420	<i>Sequoiadendron giganteum</i>		Section 16 Blk I	Kingston SD	3214080	
420	<i>Sequoiadendron giganteum</i>		Section 16 Blk I	Kingston SD	3214080	†
421	<i>Eucalyptus gunnii</i>		Lot 1 SECT 15Blk I	Kingston SD	3242602	†
560	<i>Abies grandis</i>		Lot 14	DP 26147	3062639	
561	<i>Abies pinsapo</i>		Pt Section 47 Blk XIV	Lower Wanaka SD	3044102	
562	<i>Acer psuedoplatanus</i>		Lot 3	DP 408132	7109279	

## VEGETATION 23

563	Acer saccharum		Lot 9	DP 13040	3026497	
564	Aesculus hippocastanum		Lot 3	DP 408132	7109279	
565	Betula pendula		Lot 3	DP 408132	7109279	
565	Betula pendula		Lot 3	DP 408132	7109279	
565	Betula pendula		Lot 3	DP 408132	7109279	
565	Betula pendula		Lot 3	DP 408132	7109279	
565	Betula pendula		Lot 3	DP 408132	7109279	
565	Betula pendula		Lot 3	DP 408132	7109279	
565	Betula pendula		Lot 3	DP 408132	7109279	
565	Betula pendula		Lot 3	DP 408132	7109279	
566	Calocedrus decurrens		Crown Land Block IV Lower Wanaka Survey District		3130973	
566	Calocedrus decurrens		Crown Land Block IV Lower Wanaka Survey District		3130973	
568	Cedrus deodara		Lot 1	DP 16152	3151720	
569	Chamaecyparis lawsoniana		Section 53 Blk I	Cardrona SD	3081253	
570	Corylus avellana		Lot 3	DP 408132	7109279	
573	Eucalyptus globulus		Section 2 Blk X	TN OF Wanaka	3068270	
574	Acer palmatum		Lot 8	DP 27278	6504787	
574	Acer palmatum		Lot 8	DP 27278	6504787	
575	Fraxinus excelsior		Lot 3	DP 408132	7109279	
576	Ginkgo biloba		Section 1 Blk XLII	TN OF Wanaka	3084065	
577	Juglans regia		Lot 1	DP 16152	3151720	
577	Juglans regia		Lot 1	DP 16152	3151720	
577	Juglans regia		Lot 1	DP 16152	3151720	
577	Juglans regia		Lot 1	DP 16152	3151720	
577	Juglans regia		Lot 1	DP 16152	3151720	
578	Juglans regia		Lot 5	DP 382935	6979598	
580	Maclura pomifera		Lot 82	DP 375230	6904683	

## 23 VEGETATION

581	Acacia baileyana		Lot 1	DP 16152	3151720	
582	Metasequoia glyptostroboides		Lot 1	DP 21501	3041268	
583	Metasequoia glyptostroboides		Section 67 Blk XIV	TN OF Wanaka	3169146	
584	Picea abies		Lot 3	DP 408132	7109279	
585	Picea abies		Section 53 Blk I	Cardrona SD	3081253	
586	Picea abies		Lot 2	DP 420241	7204771	
586	Picea abies		Lot 2	DP 420241	7204771	
588	Fraxinus sp.		Lot 7	DP 18590	3030960	†
588	Platanus x hispanica 'Acerifolia'		Lot 7	DP 18590	3030960	
588	Platanus x hispanica 'Acerifolia'		Lot 7	DP 18590	3030960	
588	Platanus x hispanica 'Acerifolia'		Lot 7	DP 18590	3030960	†
588	Platanus x hispanica 'Acerifolia'		Lot 7	DP 18590	3030960	†
588	Platanus x hispanica 'Acerifolia'		Lot 7	DP 18590	3030960	†
588	Fraxinus sp.		Lot 52	DP 21967	3087563	
588	Platanus x hispanica 'Acerifolia'		Lot 5	DP 18590	3092511	
588	Platanus x hispanica 'Acerifolia'		Lot 55	DP 15833	3114028	
588	Platanus x hispanica 'Acerifolia'		Lot 2	DP 302776	6535836	
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 340126	6715300	†
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 340126	6715300	†
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 340126	6715300	
588	Fraxinus sp.		Lot 1	DP 340126	6715300	†
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 340126	6715300	
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 340126	6715300	
588	Platanus x hispanica		Lot 1	DP 340126	6715300	

## VEGETATION 23

	'Acerifolia'					
588	Fraxinus sp.		Lot 2	DP 408206	7088974	
588	Platanus x hispanica 'Acerifolia'		Lot 2	DP 408206	7088974	
588	Platanus x hispanica 'Acerifolia'		Lot 2	DP 408206	7088974	
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 426301	7243999	
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 426301	7243999	
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 426301	7243999	
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 426301	7243999	
588	Fraxinus sp.		Lot 1	DP 426301	7243999	
588	Platanus x hispanica 'Acerifolia'		Lot 6	DP 18590	3141626	†
588	Platanus x hispanica 'Acerifolia'		Lot 6	DP 18590	3141626	†
588	Platanus x hispanica 'Acerifolia'		Lot 6	DP 18590	3141626	†
588	Platanus x hispanica 'Acerifolia'		Lot 6	DP 18590	3141626	†
588	Fraxinus sp.		Lot 6	DP 18590	3141626	†
588	Fraxinus sp.		Lot 6	DP 18590	3141626	†
588	Fraxinus sp.		Lot 6	DP 18590	3141626	
588	Platanus x hispanica 'Acerifolia'		Lot 6	DP 18590	3141626	
588	Platanus x hispanica 'Acerifolia'		Lot 3	DP 302776	6535837	†
588	Platanus x hispanica 'Acerifolia'		Lot 3	DP 302776	6535837	†
588	Fraxinus sp.		Lot 3	DP 302776	6535837	†
588	Platanus x hispanica 'Acerifolia'		Lot 3	DP 302776	6535837	†
588	Platanus x hispanica 'Acerifolia'		Lot 2	DP 340126	6715301	
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 408206	7088973	
588	Platanus x hispanica		Lot 1	DP 408206	7088973	

## 23 VEGETATION

	'Acerifolia'					
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 408206	7088973	
588	Fraxinus sp.		Lot 1	DP 408206	7088973	
588	Platanus x hispanica 'Acerifolia'		Lot 1	DP 408206	7088973	
589	Populus nigra		Pt Section 1	SO 24921	3113724	
591	Populus nigra 'italica'		Crown Land Block I Town of Albert Town		3026944	
592	Nothofagus solandrii var. cliffortoides		Crown Land Block IV Motatapu Survey District		6783582	
592	Nothofagus solandrii var. cliffortoides		Section 12	SO 350038	6783598	
593	Pseudotsuga menziesi		Lot 14	DP 26147	3062639	
594	Pseudotsuga menziesi		Lot 14	DP 26147	3062639	
596	Quercus robur		Lot 18	DP 24481	3046372	
596	Quercus robur		Lot 18	DP 24481	3046372	
596	Quercus robur		Lot 2	DP 314131	6589906	
598	Quercus robur		Lot 1	DP 16152	3151720	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	
599	Quercus robur		Lot 3	DP 449599	7397688	



## 23 VEGETATION

607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
607	Sequoiadendron giganteum		Lot 3	DP 327869	6663770	
609	Sequoiadendron giganteum		Lot 1	DP 17828	3134395	†
609	Sequoiadendron giganteum		Lot 4	DP 18460	3043187	†
609	Sequoiadendron giganteum		Lot 1	DP 380819	6932731	†
610	Sequoiadendron giganteum		Section 1	SO 397170	7020498	
611	Sequoiadendron giganteum		Pt Section 10 Blk III	Lower Wanaka SD	3133319	
613	Sequoiadendron giganteum		Lot 9	DP 13040	3026497	
615	Taxus baccata 'fastigiata'		Section 1 Blk XLII	TN OF Wanaka	3084065	†
616	Metasequoia glyptostroboides		Section 67 Blk XIV	TN OF Wanaka	3169146	
616	Metasequoia glyptostroboides		Section 67 Blk XIV	TN OF Wanaka	3169146	
620	Tilia x europaea		Lot 10	DP 13040	3058104	
620	Tilia x europaea		Lot 10	DP 13040	3058104	
620	Tilia x europaea		Lot 10	DP 13040	3058104	
620	Tilia x europaea		Lot 10	DP 13040	3058104	
620	Tilia x europaea		Lot 10	DP 13040	3058104	
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620	Tilia x europaea		Lot 10	DP 13040	3058104	
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620	Tilia x europaea		Lot 10	DP 13040	3058104	



## 23 VEGETATION

625	<i>Ilex aquafolium</i> 'variagata'		Lot 1	DP 16152	3151720	
626	<i>larix decidua</i>		Lot 1	DP 16152	3151720	
1001	<i>Picea abies</i>		Lot 3	DP 9213	3003208	
1002	<i>Thuja plicata</i>		Pt Lot 2	DP 16609	3140776	
1003	<i>Quercus robur</i>		Section 15 Blk V	TN OF Arrowtown	3043960	†
1004	<i>Nothofagus menziesii</i>		Pt Section 6 Blk II	TN OF Arrowtown	3022527	
1005	<i>Fagus sylvatica</i> var. <i>purpurea</i>		Lot 4	DP 7794	3055459	
1006	<i>Juglans regia</i>		Section 3 Blk XV	TN OF Arrowtown	3109317	
1007	<i>Juglans regia</i>		Section 3 Blk XV	TN OF Arrowtown	3109317	
1008	<i>Quercus robur</i>		Section 1 Blk XV	TN OF Arrowtown	3059466	
1009	<i>Quercus palustris</i>		Section 5 Blk XIV	TN OF Arrowtown	3098659	†
1010	<i>Fraxinus excelsior</i>		Section 7 Blk I	TN OF Arrowtown	3145076	
1011	<i>Pseudotsuga menziesii</i>		Lot 1	DP 17118	3145078	
1012	<i>Nothofagus solandrii</i> var. <i>cliffortoides</i>		Lot 2	DP 8949	3108323	
1013	<i>Nothofagus solandrii</i> var. <i>cliffortoides</i>		Lot 1	DP 8949	3011939	
1014	<i>Acer psuedoplatanus</i>		Lot 18	DP 9914	3144969	
1015	<i>Quercus rubra</i>		Lot 6	DP 11786	3102155	
1016	<i>Acer psuedoplatanus</i>		Lot 19	DP 9914	3013186	
1017	<i>Quercus rubra</i>		Lot 19	DP 9914	3013186	