

List number	
Location	Hutchinson Scenic Reserve, Puketitiri
Grid reference	V20 162 086
Date of visit(s)	4/02/2002, 21 February 2003 with Colin Ogle and Graeme La Cock
Author(s)	Mike Thorsen
Description of site	Remnant podocarp forest and limestone gully scrub
Number of indigenous species	238
Number of exotic species	91
Total number of species	329
Percentage exotic species	27.7

Gymnosperms	Family	Status	Abundance at site	
<i>Chaemocypris lawsoniana</i> (Lawson's cypress)*	Cupressaceae	Exotic	Local	Planted
<i>Cryptomeria japonica</i> (Japanese cedar)*	Taxodiaceae	Exotic	Local	Planted
<i>Cupressus macrocarpa</i> (macrocarpa)*	Cupressaceae	Exotic	Local	Planted
<i>Dacrycarpus dacrydioides</i> (kahikatea)	Podocarpaceae	Not threatened	Common	
<i>Dacrydium cupressinum</i> (rimu)	Podocarpaceae	Not threatened	Occasional	
<i>Larix decidua</i> (larch)*	Pinaceae	Exotic	Occasional	Planted.
<i>Phyllocladus alpinus</i> (mountain toatoa)	Podocarpaceae	Not threatened	Druce (27)	
<i>Picea sitchensis</i> (Sitka spruce)*	Pinaceae	Exotic	Occasional	Planted
<i>Pinus radiata</i> (pine)*	Pinaceae	Exotic	Common	Planted, some seedlings
<i>Podocarpus hallii</i> (totara)	Podocarpaceae	Not threatened	Common	
<i>Podocarpus totara</i> (totara)	Podocarpaceae	Not threatened	Druce (27)	
<i>Prumnopitys spicatum</i> (matai)	Podocarpaceae	Not threatened	Occasional	
<i>Pseudotsuga menziesii</i> (Douglas fir)*	Pinaceae	Exotic	Local	Planted, some seedlings
<i>Stachypitys ferruginea</i> (miro)	Podocarpaceae	Not threatened	Rare	One seedling

Dicot trees, shrubs and lianes	Family	Status	Abundance at site	
<i>Acer pseudoplatanus</i> (sycamore)*	Aceraceae	Exotic	Rare	Planted
<i>Aesculus hippocastanatum</i> (horse chestnut)*	Hippocastinaceae	Exotic	Rare	Seeding
<i>Alectryon excelsa</i> (titoki)	Sapindaceae	Not threatened	Druce (27)	
<i>Alseuosmia pusilla</i>	Caprifoliaceae	Not threatened	Rare	
<i>Aristolelia fruticosa</i>	Elaeocarpaceae	Not threatened	Occasional	
<i>Aristolelia fruticosa</i> X <i>A. serrata</i>	Elaeocarpaceae		Druce (27)	
<i>Aristolelia serrata</i> (wineberry)	Elaeocarpaceae	Not threatened	Occasional	
<i>Berberis darwinii</i> (Darwin's barberry)*	Berberidaceae	Exotic	Rare	
<i>Betula pendula</i> (silver birch)*	Betulaceae	Exotic	Rare	Planted
<i>Brachyglottis repanda</i> (rangiora)	Compositae	Not threatened	Occasional	
<i>Carmichaelia arborea</i> (native broom)	Fabaceae	Not threatened	Rare	
<i>Carpodetus serrata</i> (putaputaweta)	Escalloniaceae	Not threatened	Common	
<i>Clematis foetida</i>	Ranunculaceae	Not threatened	Occasional	
<i>Clematis forsteri</i>	Ranunculaceae	Not threatened	Druce (27)	
<i>Clematis paniculata</i>	Ranunculaceae	Not threatened	Druce (27)	
<i>Clematis quadribracteolata</i>	Ranunculaceae	Not threatened	Druce (27)	
<i>Coprosma crassifolia</i>	Rubiaceae	Not threatened	Rare	
<i>Coprosma grandifolia</i> (karamu)	Rubiaceae	Not threatened	Occasional	
<i>Coprosma linariifolia</i>	Rubiaceae	Not threatened	Druce (27)	(Recorded by Elder 1950)
<i>Coprosma lucida</i>	Rubiaceae	Not threatened	Rare	
<i>Coprosma propinqua</i> X <i>C. robusta</i>	Rubiaceae	Not threatened	Occasional	
<i>Coprosma propinqua</i> X <i>C. tenuifolia</i>	Rubiaceae	Not threatened	Rare	
<i>Coprosma rhamnoides</i>	Rubiaceae	Not threatened	Occasional	
<i>Coprosma rigida</i>	Rubiaceae	Not threatened	Common	

<i>Coprosma robusta</i>	Rubiaceae	Not threatened	Occasional	
<i>Coprosma rotundifolia</i>	Rubiaceae	Not threatened	Rare	
<i>Coprosma rubra</i>	Rubiaceae	Not threatened	Druce (27)	
<i>Coprosma rugosa</i> subsp. <i>rugosa</i>	Rubiaceae	Not threatened	Druce (27)	
<i>Coprosma tenuifolia</i>	Rubiaceae	Not threatened	Occasional	
<i>Corokia cotoneaster</i> (native cotoneaster)	Escalloniaceae	Not threatened	Common	
<i>Cytisus scoparius</i> (broom)*	Fabaceae	Exotic	Occasional	
<i>Elaeocarpus hookeriana</i> (pokaka)	Elaeocarpaceae	Not threatened	Rare	
<i>Eucalyptus</i> sp.*	Myrtaceae	Exotic	Local	Planted, some seedlings
<i>Fuchsia excorticata</i> (tree fuchsia)	Onagraceae	Not threatened	Occasional	
<i>Fuchsia extorticata</i> X <i>F. perscandens</i>	Onagraceae		Druce (27)	
<i>Fuchsia perscandens</i>	Onagraceae	Locally significant	Rare	
<i>Gaultheria antipoda</i> (snowberry)	Ericaceae	Not threatened	Rare	
<i>Gaultheria antipoda</i> (snowberry)	Ericaceae	Not threatened	Druce (27)	
<i>Griselinia littoralis</i> (broadleaf)	Cornaceae	Not threatened	Occasional	
<i>Hebe stricta</i> var. <i>stricta</i> (koromiko)	Scrophulariaceae	Not threatened	Occasional	
<i>Helichrysum aggregatum</i> var. <i>aggregatum</i> (niniao)	Asteraceae	Not threatened	Druce (27)	
<i>Hoheria populnea</i> var "sexstylosa" (lacebark)	Malvaceae	Not threatened	Common	
<i>Ileostylus micranthus</i>	Loranthaceae	Not threatened	Druce (27)	
<i>Juglans regia</i> (walnut)*	Juglandaceae	Exotic	rare	One seedling, removed
<i>Korthalsella lindsayi</i> (dwarf mistletoe)	Loranthaceae	Locally significant	Druce (27)	
<i>Kunzea ericoides</i> s.l. (kanuka)	Myrtaceae	Not threatened	Common	
<i>Laburnum anagyroides</i> (laburnum)*	Fabaceae	Exotic	Rare	
<i>Leptospermum scoparium</i> (manuka)	Myrtaceae	Not threatened	Common	
<i>Leucopogon fascicularis</i> (mingimingi)	Epacridaceae	Not threatened	Occasional	
<i>Leucopogon fraseri</i> agg.	Epacridaceae	Not threatened	Occasional	
<i>Malus</i> X <i>domestica</i> (apple)*	Rosaceae	Exotic	Rare	Planted
<i>Melicope simplex</i>	Rutaceae	Not threatened	Occasional	
<i>Melicytus lanceolatus</i> var. <i>lanceolatus</i>	Violaceae	Not threatened	Common	
<i>Melicytus micranthus</i> (small-leaved mahoe)	Violaceae	Not threatened	Occasional	
<i>Melicytus ramiflorus</i> (mahoe)	Violaceae	Not threatened	Common	
<i>Metrosideros colensoi</i> (climbing rata)	Myrtaceae	Not threatened	Rare	
<i>Metrosideros diffusa</i> (climbing rata)	Myrtaceae	Not threatened	Druce (27)	
<i>Muehlenbeckia australis</i> (large-leaved pohuehue)	Polygonaceae	Not threatened	Common	
<i>Myrsine australis</i> (red matipo)	Myrsinaceae	Not threatened	Rare	
<i>Myrsine divaricata</i>	Myrsinaceae	Not threatened	Occasional	
<i>Myrsine salicina</i> (toru)	Myrsinaceae	Not threatened	Druce (27)	
<i>Neomyrtus pedunculata</i> (rohutu)	Myrtaceae	Not threatened	Occasional	

<i>Nestegis cunninghamii</i> (white maire)	Oleaceae	Not threatened	Rare	
<i>Nestegis lanceolata</i> (narrow-leaved maire)	Oleaceae	Not threatened	Druce (27)	
<i>Nothofagus fusca</i> (red beech)	Fabaceae	Not threatened	Occasional	
<i>Nothofagus fusca</i> X <i>N. solandri</i>	Fagaceae		Druce (27)	
<i>Nothofagus solandri</i>	Fagaceae	Not threatened	Druce (27)	
<i>Olearia furfuracea</i>	Asteraceae	Not threatened	Occasional	
<i>Olearia furfuracea</i>	Asteraceae	Not threatened	Druce (27)	
<i>Olearia gardneri</i>	Asteraceae	Nationally critical	Druce (27)	
<i>Olearia virgata</i> (small-leaved var.)	Asteraceae	Not threatened	Druce (27)	
<i>Parsonsia capsularis</i> (native jasmine)	Apocynaceae	Not threatened	Rare	
<i>Parsonsia capsularis</i> X <i>P. heterophylla</i>	Apocynaceae		Druce (27)	
<i>Parsonsia heterophylla</i> (native jasmine)	Apocynaceae	Not threatened	Common	
<i>Passiflora tetrandra</i> (native passionfruit)	Passifloraceae	Not threatened	Rare	
<i>Pennantia corymbosa</i> (kaikomako)	Icacinaceae	Not threatened	Occasional	
<i>Pittosporum divaricatum</i>	Pittosporaceae	Not threatened	Druce (27)	
<i>Pittosporum eugenioides</i> (lemonwood)	Pittosporaceae	Not threatened	Occasional	
<i>Pittosporum ralphii</i>	Pittosporaceae	Not threatened	Occasional	
<i>Pittosporum ralphii</i> X <i>P. tenuifolium</i>	Pittosporaceae		Druce (27)	
<i>Pittosporum tenuifolium</i> subsp. <i>tenuifolium</i> (kohuhu)	Pittosporaceae	Not threatened	Occasional	
<i>Plagianthus regius</i> var. <i>regius</i> (lacebark)	Malvaceae	Not threatened	Druce (27)	
<i>Populus</i> sp. (poplar)*	Salicaceae	Exotic	Local	Planted
<i>Pseudopanax arboreus</i> (five-finger)	Araliaceae	Not threatened	Common	
<i>Pseudopanax colensoi</i>	Araliaceae	Not threatened	Druce (27)	
<i>Pseudopanax crassifolius</i> (lancewood)	Araliaceae	Not threatened	Occasional	
<i>Pseudopanax simplex</i>	Araliaceae	Not threatened	Druce (27)	
<i>Pseudowintera colorata</i> (horopito, pepperwood)	Winteraceae	Not threatened	Common	
<i>Quercus palustris</i> (pin oak)*	Fagaceae	Exotic	Rare	Planted
<i>Racomitrium longifolium</i> (Sydney golden wattle)*	Fabaceae	Exotic	Local	Provisional ID
<i>Raukaua anomalus</i>	Araliaceae	Not threatened	Occasional	
<i>Raukaua edgerleyi</i>	Araliaceae	Gradual decline	Druce (27)	
<i>Rubus cissoides</i> (bush lawyer)	Rubiaceae	Not threatened	Occasional	
<i>Rubus cissoides</i> (leaves narrower than in var. <i>cissoides</i>)	Rubiaceae	Not threatened	Druce (27)	
<i>Rubus fruticosus</i> agg. (blackberry)*	Rubiaceae	Exotic	Common	
<i>Rubus phoenicolasius</i> (Japanese wineberry)*	Rubiaceae	Exotic	Rare	
<i>Rubus rosifolius</i> (strawberry-raspberry)*	Rubiaceae	Exotic	Rare	

<i>Rubus schmidelioides</i> var. <i>schmidelioides</i> (bush lawyer)	Rubiaceae	Not threatened	Local	
<i>Salix</i> sp. (willow)*	Salicaceae	Exotic	Occasional	<i>S. fragilis</i> ?
<i>Salix cinerea</i> (grey willow)*	Salicaceae	Exotic	Occasional	Planted, some seedlings
<i>Schefflera digitata</i> (pate)	Araliaceae	Not threatened	Occasional	
<i>Solanum dulcamara</i> (bittersweet)*	Solanaceae	Exotic	Common	
<i>Sophora microphylla</i> (kowhai)	Fabaceae	Not threatened	Druce (27)	
<i>Sophora microphylla</i> X <i>S. tetraptera</i>	Fabaceae		Druce (27)	
<i>Sophora tetraptera</i> (kowhai)	Fabaceae	Not threatened	Occasional	
<i>Sophora tetraptera</i> (kowhai)	Fabaceae	Not threatened	Druce (27)	
<i>Streblus microphylla</i> (small-leaved milk tree)	Mocaceae	Not threatened	Occasional	
<i>Tupeia antarctica</i>	Loranthaceae	Gradual decline	Druce (27)	

Dicot herbs (inc. Composites)	Family	Status	Abundance at site	
<i>Acaena anserinifolia</i> (bidibid)	Rosaceae	Not threatened	Common	
<i>Achillea millefolium</i> (yarrow)*	Asteraceae	Exotic	Common	
<i>Arctium minus</i> (burdock)*	Asteraceae	Exotic	Occasional	
<i>Bellis perennis</i> (everlasting daisy)*	Asteraceae	Exotic	Common	
<i>Capsella bursa-pastoris</i> (shepherd's purse)	Brassicaceae	Exotic	Local	
<i>Cardamine debilis</i> "narrow-petal"	Brassicaceae	Not threatened	Rare	
<i>Cardamine hirsuta</i> (bitter cress)*	Brassicaceae	Exotic	Occasional	
<i>Celmisia</i> sp. (unnamed; aff. <i>C. gracilentata</i>) (plants strongly rhizomatous)	Asteraceae	Not threatened	Druce (27)	
<i>Centaurium tenuiflorum</i> *	Gentianaceae	Exotic	Rare	Provisional ID
<i>Cerastium fontanum</i> (mouse-ear chickweed)*	Caryophyllaceae	Exotic	Occasional	
<i>Cerastium glomeratum</i> (annual chickweed)*	Caryophyllaceae	Exotic	Common	
<i>Chenopodium murale</i> (nettle-leaved fat-hen)*	Chenopodiaceae	Exotic	Rare	
<i>Cichorium intybus</i> (chicory)*	Asteraceae	Exotic	Occasional	
<i>Cirsium arvense</i> (Californian thistle)*	Asteraceae	Exotic	Common	
<i>Cirsium vulgare</i> (Scotch thistle)*	Asteraceae	Exotic	Occasional	
<i>Conyza alba</i> (fleabane)*	Asteraceae	Exotic	Common	
<i>Coriaria kingiana</i>	Coriaceae	Not threatened	Rare	
<i>Craspedia viscosa</i>	Asteraceae	Not threatened	Druce (27)	
<i>Crepis capillaris</i> (hawksbeard)*	Asteraceae	Exotic	Common	
<i>Dactylanthus taylorii</i> (pua te reinga, woodrose)	Balanophoraceae	Serious decline	Druce (27)	(Elder 1950)
<i>Digitalis purpurea</i> (foxglove)*	Scrophulariaceae	Exotic	Common	
<i>Epilobium alsinoides</i>	Onagraceae	Not threatened	Occasional	
<i>Epilobium brunnescens</i> subsp. <i>minutiflorum</i>	Onagraceae	Not threatened	Rare	
<i>Epilobium ciliatum</i> *	Onagraceae	Exotic	Rare	
<i>Epilobium nerteroides</i>	Onagraceae	Not threatened	Druce (27)	
<i>Epilobium nummulariifolium</i>	Onagraceae	Not threatened	Occasional	

<i>Epilobium pubens</i>	Onagraceae	Not threatened	Rare	
<i>Euchiton gymnocephalum</i>	Asteraceae	Not threatened	Occasional	
<i>Galium aparine</i> (cleavers)*	Rubiaceae	Exotic	Common	
<i>Galium divaricatum</i>	Rubiaceae	Not threatened	Rare	
<i>Geranium microphyllum</i>	Geraniaceae	Not threatened	Local	ID uncertain
<i>Geranium molle</i> (dove's foot cranesbill)*	Geraniaceae	Exotic	Occasional	
<i>Geranium potentilloides</i>	Geraniaceae	Not threatened	Occasional	
<i>Gnaphalium (Euchiton) involucreatum</i> (creeping cudweed)*			Common	
<i>Gonocarpus aggregatus</i>	Haloragaceae	Not threatened	Occasional	
<i>Gonocarpus macranthus</i>	Haloragaceae	Not threatened	Rare	
<i>Gunnera monoica</i>	Gunneraceae	Not threatened	Rare	
<i>Hieracium pilosella</i> (mouse-ear hawkweed)*	Asteraceae	Exotic	Occasional	
<i>Hirschfeldia incana</i> (hoary mustard)*	Brassicaceae	Exotic	Occasional	
<i>Hydrocotyle elongata</i>	Apiaceae	Not threatened	Occasional	
<i>Hydrocotyle heteromeria</i>	Apiaceae	Not threatened	Common	
<i>Hydrocotyle microphylla</i>	Apiaceae	Not threatened	Occasional	
<i>Hydrocotyle moschata</i>	Apiaceae	Not threatened	Rare	
<i>Hypericum gramineum</i>	Clusiaceae	Not threatened	Local	
<i>Hypochoeris radicata</i> (catsear)*	Asteraceae	Exotic	Common	
<i>Jovellana repens</i>	Scrophulariaceae	Loc significant	Druce (27)	
<i>Lagenifera pinnatifida</i>	Asteraceae	Not threatened	Druce (27)	
<i>Lagenifera strangulata</i>	Asteraceae	Not threatened	Druce (27)	(Hodgson)
<i>Leucanthemum vulgare</i> (oxeye daisy)*	Asteraceae	Exotic	Common	
<i>Linum catharticum</i> (purging flax)*	Linaceae	Exotic	Occasional	
<i>Lotus peduncularis</i> (lotus)*	Fabaceae	Exotic	Common	
<i>Lotus suaveolens</i> (hairy birdsfoot trefoil)*	Fabaceae	Exotic	Local	
<i>Mazus radicans</i>	Scrophulariaceae	Not threatened	Druce (27)	
<i>Mentha cunninghamii</i>	Labiatae	Loc significant	Rare	Two populations @ 2815976 6208395
<i>Mimulus moschatus</i> (musk)*	Scrophulariaceae	Exotic	Rare	
<i>Mycelis muralis</i> (wall lettuce)*	Asteraceae	Exotic	Common	
<i>Myosotis laxa</i> (water forget-me-not)*	Boraginaceae	Exotic	Occasional	
<i>Nertera depressa</i>	Rubiaceae	Not threatened	Rare	
<i>Nertera villosa</i>	Rubiaceae	Not threatened	Druce (27)	
<i>Orobanche minor</i> (broomrape)*	Orobanchaceae	Exotic	Rare	
<i>Ourisia macrophylla</i> subsp. <i>robusta</i>	Scrophulariaceae	Not threatened	Local	
<i>Oxalis exilis</i> (native oxalis)	Oxalidaceae	Not threatened	Occasional	
<i>Oxalis magellanica</i>	Oxalidaceae	Not threatened	Druce (27)	
<i>Parentucellia viscosa</i> (tarweed)*	Scrophulariaceae	Exotic	Occasional	
<i>Pastinaca sativa</i> (wild parsnip)*	Apiaceae	Exotic	Common	
<i>Plantago australis</i> (swamp plantain)*	Plantaginaceae	Exotic	Common	
<i>Plantago raoulii</i>	Plantaginaceae	Not threatened	Druce (27)	
<i>Polygonum aviculare</i> (wireweed)*	Polygonaceae	Exotic	rare	

<i>Polygonum hydropiper</i> (water pepper)*	Polygonaceae	Exotic	Local	
<i>Potamogeton cheesemanii</i>	Potamogetonaceae	Not threatened	Local	
<i>Prunella vulgaris</i> (selfheal)*	Lamiaceae	Exotic	Common	
<i>Pseudognaphalium luteoalbum</i> "inland"	Asteraceae	Not threatened	Druce (27)	
<i>Ranunculus amphitrichus</i>	Ranunculaceae	Not threatened	Rare	
<i>Ranunculus multiscapus</i>	Ranunculaceae	Not threatened	Druce (27)	
<i>Ranunculus reflexus</i> (hairy buttercup)	Ranunculaceae	Not threatened	Rare	
<i>Ranunculus repens</i> (creeping buttercup)*	Ranunculaceae	Exotic	Common	
<i>Rorippa nasturtium-aquaticum</i> (watercress)*	Brassicaceae	Exotic	Local	
<i>Rumex acetosella</i> (sheep's sorrel)*	Polygonaceae	Exotic	Occasional	
<i>Rumex crispus</i> (curled dock)*	Polygonaceae	Exotic	rare	
<i>Rumex obtusifolius</i> (broad-leaved dock)*	Polygonaceae	Exotic	Occasional	
<i>Sagina procumbens</i> (pearlwort)*	Caryophyllaceae	Exotic	Rare	
<i>Senecio jacobea</i> (ragwort)*	Asteraceae	Exotic	Occasional	
<i>Senecio minimus</i>	Asteraceae	Not threatened	Druce (27)	
<i>Senecio rufiglandulosus</i>	Asteraceae	Not threatened	Local	
<i>Senecio wairauensis</i>	Asteraceae	Not threatened	Druce (27)	
<i>Sherardia arvensis</i> (field madder)*	Rubiaceae	Exotic	Occasional	
<i>Sonchus asper</i> (prickly sow thistle)*	Asteraceae	Exotic	Rare	
<i>Sonchus oleraceus</i> *	Asteraceae	Exotic	Rare	
<i>Stellaria media</i> (chickweed)*	Caryophyllaceae	Exotic	Local	
<i>Taraxacum officinale</i> (dandelion)*	Asteraceae	Exotic	Occasional	
<i>Trifolium repens</i> (white clover)*	Fabaceae	Exotic	Common	
<i>Urtica urens</i> (nettle)*	Urticaceae	Exotic	Local	
<i>Verbascum thaspis</i> (woolly mullein)*	Scrophulariaceae	Exotic	Common	
<i>Veronica persica</i> (scrambling speedwell)*	Scrophulariaceae	Exotic	Common	
<i>Vicia sativa</i> (vetch)*	Fabaceae	Exotic	Occasional	
<i>Viola filicaulis</i>	Violaceae	Not threatened	Druce (27)	

Monocots (except orchids, grass)	Family	Status	Abundance at site	
<i>Arthropodium candidum</i>	Liliaceae	Not threatened	Druce (27)	
<i>Astelia fragrans</i>	Liliaceae	Not threatened	Occasional	
<i>Astelia solanderi</i>	Liliaceae	Not threatened	Rare	
<i>Collospermum microspermum</i>	Liliaceae	Not threatened	Druce (27)	
<i>Cordyline australis</i> (cabbage tree)	Agavaceae	Not threatened	Occasional	
<i>Libertia grandifolia</i>	Iridaceae	Not threatened	Druce (27)	
<i>Phormium tenax</i> (flax)	Agavaceae	Not threatened	Rare	

Orchids	Family	Status	Abundance at site	
<i>Caladenia carnea</i>	Orchidaceae	Not threatened	Druce (27)	
<i>Corybas macranthus</i>	Orchidaceae	Not threatened	Occasional	

<i>Earina mucronata</i>	Orchidaceae	Not threatened	Druce (27)	
<i>Gastrodia aff. sesamoides</i>	Orchidaceae	Not threatened	Druce (27)	
<i>Microtis unifolia</i>	Orchidaceae	Not threatened	Rare	
<i>Pterostylis montana?</i>	Orchidaceae	Not threatened	Druce (27)	
<i>Pterostylis patens</i>	Orchidaceae	Not threatened	Druce (27)	

Grass			Abundance at site	
<i>Agrostis capillaris</i> (browntop)*	Agrostidinae	Exotic	Common	
<i>Alopecurus geniculatus</i> (kneed foxtail)*	Agrostidinae	Exotic	Rare	
<i>Anthoxanthum odoratum</i> (sweet vernal)*	Phalaridinae	Exotic	Common	
<i>Bromus hordaceus</i> (soft brome)*	Bromeae	Exotic	Occasional	
<i>Cortaderia fulvida</i>	Cortaderiinae	Not threatened	Rare	
<i>Critesion murinum</i> (barley grass)*	Hordeae	Exotic	Occasional	
<i>Cynosurus cristatus</i> (crested dogstail)*	Poeae	Exotic	Occasional	
<i>Dactylis glomerata</i> (cocksfoot)*	Poeae	Exotic	Common	
<i>Festuca rubra</i> subsp. <i>commutata</i> (Chewings fescue)*	Poeae	Exotic	Occasional	
<i>Glyceria fluitans</i> (floating sweetgrass)*	Meliceae	Exotic	Local	
<i>Lolium perenne</i> (perennial ryegrass)*	Poeae	Exotic	Common	
<i>Microlaena avenacea</i> (bush rice grass)	Ehrarteae	Not threatened	Occasional	
<i>Microlaena stipoides</i>	Ehrarteae	Not threatened	Druce (27)	
<i>Poa anceps</i>	Poeae	Not threatened	Rare	
<i>Poa annua</i> *	Poeae	Exotic	Common	
<i>Poa matthewsii</i>	Poeae	Not threatened	Local	
<i>Rytidosperma</i> sp.*	Danthoniinae	Exotic	Occasional	
<i>Stenostachys gracilis</i>	Hordeae	Not threatened	Druce (27)	
<i>Trisetum lepidum</i>	Aveninae	Not threatened	Druce (27)	

Rushes and Sedges			Abundance at site	
<i>Carex breviculmis</i>	Cyperaceae	Not threatened	Occasional	
<i>Carex flagellifera</i>	Cyperaceae	Not threatened	Druce (27)	
<i>Carex forsteri</i>	Cyperaceae	Not threatened	Druce (27)	
<i>Carex geminata</i>	Cyperaceae	Not threatened	Common	
<i>Carex geminata</i> "large"	Cyperaceae	Not threatened	Common	
<i>Carex secta</i> (niggerhead)	Cyperaceae	Not threatened	Local	
<i>Carex solanderi</i>	Cyperaceae	Loc significant	Druce (27)	
<i>Carex virgata</i>	Cyperaceae	Not threatened	Local	
<i>Eleocharis acuta</i> (sharp spike-sedge)	Cyperaceae	Not threatened	Rare	
<i>Gahnia pauciflora</i>	Cyperaceae	Not threatened	Druce (27)	
<i>Isolepis habra</i>	Cyperaceae	Not threatened	Druce (27)	
<i>Juncus effusus</i> (soft rush)*	Juncaceae	Exotic		
<i>Juncus pallidus</i>	Juncaceae	Not threatened	Local	
<i>Juncus tenuis</i>	Juncaceae	Exotic	Occasional	
<i>Luzula picta</i> var. <i>picta</i>	Juncaceae	Not threatened	Druce (27)	
<i>Luzula subclavata</i>	Juncaceae	Not threatened	Druce (27)	

<i>Machaerina sinclairii</i>	Cyperaceae	Not threatened	Local	
<i>Uncinia affinis</i>	Cyperaceae	Not threatened	Occasional	
<i>Uncinia banksii</i>	Cyperaceae	Not threatened	Druce (27)	
<i>Uncinia gracilentata</i>	Cyperaceae	Not threatened	Druce (27)	
<i>Uncinia laxiflora</i>	Cyperaceae	Not threatened	Rare	
<i>Uncinia rupestris</i>	Cyperaceae	Not threatened	Druce (27)	
<i>Uncinia scabra</i>	Cyperaceae	Not threatened	Occasional	
<i>Uncinia</i> sp. (unnamed) (<i>U. affinis</i> Hamlin)	Cyperaceae	Not threatened	Druce (27)	
<i>Uncinia uncinata</i> (hook grass)	Cyperaceae	Not threatened	Occasional	
<i>Uncinia zotovii</i>	Cyperaceae	Not threatened	Rare	

Ferns and allies			Abundance at site	
<i>Adiantum cunninghamii</i> (common maidenhair fern)	Pteridaceae	Not threatened	Local	
<i>Asplenium bulbiferum</i> subsp. <i>bulbiferum</i> (hen and chickens fern)	Aspleniaceae	Not threatened	Common	
<i>Asplenium flabellifolium</i> (necklace fern)	Aspleniaceae	Not threatened	Druce (27)	
<i>Asplenium flaccidum</i> (hanging spleenwort)	Aspleniaceae	Not threatened	Common	
<i>Asplenium gracillimum</i>	Aspleniaceae	Not threatened	Common	
<i>Asplenium hookerianum</i> var. <i>hookerianum</i>	Aspleniaceae	Not threatened	Rare	
<i>Asplenium</i> hybrids (various)	Aspleniaceae		Druce (27)	
<i>Blechnum chambersii</i>	Blechnaceae	Not threatened	Occasional	
<i>Blechnum membranaceum</i>	Blechnaceae	Not threatened	local	
<i>Blechnum novaezelandiae</i> (kiokio)	Blechnaceae	Not threatened	Common	
<i>Blechnum procerum</i>	Blechnaceae	Not threatened	Druce (27)	
<i>Blechnum vulcanicum</i>	Blechnaceae	Not threatened	Rare	
<i>Botrychium australe</i>	Ophioglossaceae	Sparse	Druce (27)	
<i>Botrychium biforme</i>	Ophioglossaceae	Locally Significant	Druce (27)	
<i>Cyathea dealbata</i> (silver fern)	Cyatheaceae	Not threatened	Druce (27)	
<i>Dicksonia fibrosa</i> (<i>wheki-ponga</i>)	Dicksoniaceae	Not threatened	Occasional	
<i>Dicksonia fibrosa</i> (<i>wheki-ponga</i>)	Dicksoniaceae	Not threatened	Druce (27)	
<i>Dicksonia lanata</i>	Dicksoniaceae	Not threatened	Occasional	
<i>Gleichenia dicarpa</i> (tangle fern)	Gleicheniaceae	Not threatened	Druce (27)	
<i>Grammitis billardierei</i>	Grammitidaceae	Not threatened	Druce (27)	
<i>Histiopteris incisa</i> (water fern, mata)	Dennstaedtiaceae	Not threatened	Local	
<i>Hymenophyllum bivalve</i>	Hymenophyllaceae	Not threatened	Druce (27)	
<i>Hymenophyllum dilatatum</i>	Hymenophyllaceae	Not threatened	Druce (27)	
<i>Hymenophyllum flabellatum</i>	Hymenophyllaceae	Not threatened	Rare	
<i>Hymenophyllum multifidum</i>	Hymenophyllaceae	Not threatened	Druce (27)	
<i>Hymenophyllum pulcherrimum</i>	Hymenophyllaceae	Not threatened	Druce (27)	
<i>Hymenophyllum rarum</i>	Hymenophyllaceae	Not threatened	Druce (27)	
<i>Hymenophyllum sanguinolentum</i>	Hymenophyllaceae	Not threatened	Druce (27)	
<i>Hymenophyllum scabrum</i>	Hymenophyllaceae	Not threatened	Druce (27)	

<i>Hypolepis ambigua</i>	Dennstaedtiaceae	Not threatened	Druce (27)	
<i>Hypolepis millefolium</i>	Dennstaedtiaceae	Not threatened	Local	
<i>Hypolepis rufobarbata</i>	Dennstaedtiaceae	Not threatened	Druce (27)	
<i>Leptolepia novae-zelandiae</i>	Dennstaedtiaceae	Not threatened	Druce (27)	
<i>Leptopteris hymenophylloides</i>	Osmundaceae	Not threatened	Occasional	
<i>Leptopteris hymenophylloides</i> X <i>H. superba</i>	Osmundaceae		Druce (27)	
<i>Leptopteris superba</i> (Prince of Wales fern)	Osmundaceae	Not threatened	Druce (27)	
<i>Lycopodiella fastigiatum</i>	Lycopodiaceae	Not threatened	Druce (27)	
<i>Lycopodiella scariosum</i>	Lycopodiaceae	Not threatened	Rare	
<i>Lycopodiella volubile</i> (<i>waewaekoukou</i>)	Lycopodiaceae	Not threatened	Druce (27)	
<i>Microsorium pustulatum</i> (hounds-tongue fern)	Polypodiaceae	Not threatened	Common	
<i>Paesia scaberula</i> (hard fern)	Dennstaedtiaceae	Not threatened	Occasional	
<i>Pellaea rotundifolia</i>	Pteridaceae	Not threatened	Occasional	
<i>Pellaea</i> sp. (cf. <i>P. falcatum</i> , sori not continuous, lower pinnae lobed)	Pteridaceae	Not threatened	Rare	
<i>Pneumatopteris pennigera</i>	Thelypteridaceae	Not threatened	Occasional	
<i>Polystichum richardii</i> (common shield fern)	Dryopteridaceae	Not threatened	Druce (27)	
<i>Polystichum sylvaticum</i>	Dryopteridaceae	Not threatened	Occasional	
<i>Polystichum sylvaticum</i> X <i>vesititum</i>	Dryopteridaceae	Not threatened	Occasional	
<i>Pteris tremula</i> (shaking brake fern)	Pteridaceae	Not threatened	Druce (27)	
<i>Pyrrosia elaeagnifolia</i> (serpent's tongue fern)	Polypodiaceae	Not threatened	Common	
<i>Rumohra adiantiformis</i>	Dryopteridaceae	Not threatened	Druce (27)	
<i>Sticherus cunninghamii</i>	Gleicheniaceae	Not threatened	Druce (27)	
<i>Trichomanes venosum</i>	Hymenophyllaceae	Not threatened	Druce (27)	