

Attachment E

Attachment E Plants identified within the Plan Change site

* Native or endemic species

Salix sp.. Poplar *Populus* sp., birch sp., sycamores *Acer pseudoplatanus* and elder were also noted. and provide an exotic understory.

Pasture species	
<i>Achillea millefolium</i>	Yarrow
<i>Anthoxanthum odoratum</i>	Sweet vernal
<i>Bellis perennis</i>	daisy
<i>Cerastium fontanum</i>	Mouse-ear chickweed
<i>Cirsium arvense</i>	California thistle
<i>Cirsium vulgare</i>	Scotch thistle
<i>Digitalis purpurea</i>	Fox glove
<i>Festuca</i> spp.	Fescue
<i>Holcus lanatus</i>	Yorkshire fog
<i>Hypochoeris radicata</i>	Cat's ear
<i>Lolium perenne</i>	Perennial ryegrass
<i>Pinus radiata</i>	Radiata pine
<i>Plantago lanceolata</i>	Plantain
<i>Ranunculus</i> spp.	Buttercup
<i>Rumex acetosella</i>	Sheep sorrel
<i>Trifolium repens</i>	White clover
<i>Verbascum thapsus</i>	Woolly mullein
Wetlands – Rushland/ sedgeland	
<i>Carex coriacea</i> *	Rautahi
<i>Carex geminata</i> *	Sedge
<i>Conium maculatum</i>	hemlock
<i>Coprosma propinqua</i> *	Mingimingi
<i>Cordyline australis</i> *	Cabbage tree
<i>Cynosurus cristatus</i>	Crested dogstail
<i>Gallium aparine</i>	Cleaver
<i>Gallium divaricatum</i>	Slender bedstraw
<i>Juncus conglomeratus</i>	rush
<i>Juncus distegus</i> *	Rush
<i>Juncus effusus</i>	Soft rush
<i>Juncus edgariae</i> *	Rush
<i>Juncus procerus</i>	rush
<i>Lemna minor</i>	Duck weed
<i>Mimulus guttatus</i>	Monkey musk
<i>Polystichum vestitum</i> *	Prickly shield fern
<i>Ranunculus</i> spp.	Buttercup
<i>Rumex crispus</i>	Curled dock
<i>Salix fragilis</i>	Crack willow

Grey shrubland remnants	
<i>Coprosma propinqua</i> *	mingimingi
<i>Discaria toumatou</i> *	Matagouri
<i>Melicytus alpinus</i> *	Porcupine shrub
<i>Muellenbeckia australis</i> *	pohuehue
<i>Poa cita</i> *	Silver tussock
Shelterbelts, woodlots, exotic shrubland and Golf course	
<i>Acer pseudoplatanus</i>	Sycamores
<i>Betula</i> spp.	Birch
<i>Cedrus</i> spp.	Cedar
<i>Cytisus scoparius</i>	broom
<i>Eucalyptus</i> spp.	
<i>Photinia</i> spp.	
<i>Pinus radiata</i>	Radiata pine
<i>Populus</i> spp.	Poplars
<i>Pseudotsuga menziesii</i>	Douglas fir
<i>Sambucus nigra</i>	elder
<i>Tilea</i> spp.	Lime
<i>Ulex europaeus</i>	gorse

Attachment F

Attachment F – Photographs of wetlands in the Plan Change site

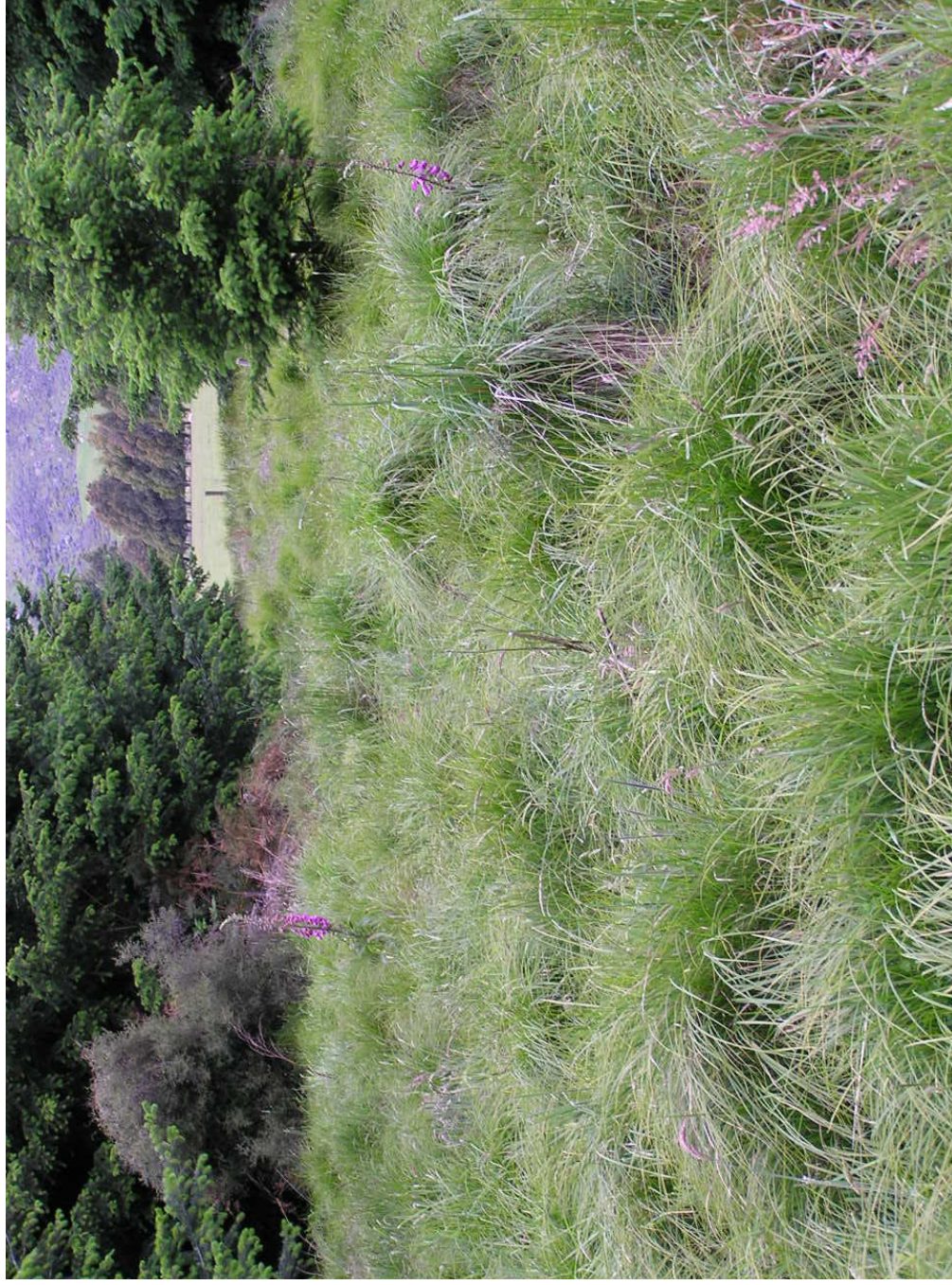


Photo. 1:

Photograph of *Carex secta* and rank pasture grass within Paddock 6, (refer Attachment I). Douglas fir surrounds the sedgeland. View east.

Source: D Palmer
2 December 2006

Photo 2:

Photograph of *Juncus*
rushland and pasture
grass in the south
western area, view
south – B refer
Attachment D.

Source: D Palmer
8 December 2006.





Photo 3:

Photograph of *Juncus* rushland with *Carex secta*, *Coprosma propinqua*, *Eleocharis acuta* and pasture grass within area B - refer Attachment D. View south east.

Source: D Palmer
8 December 2006.



Photo 4:

Photograph of *Juncus* rushland with matagouri, porcupine shrubs and silver tussock in pasture grass in the south eastern area (B), refer Attachment D. View to west from near the eastern boundary.

Source: D Palmer
8 December 2006.



Photo 5:

Photograph of *Juncus* rushland and pasture grass near the western boundary, south of the golf course - refer Attachment D. At least 4 species of rush were found within this area including *J edgariae* (native), *J procerus*, *J conglomerata* (below) and another unidentified species.

Source: D Palmer
8 December 2006.

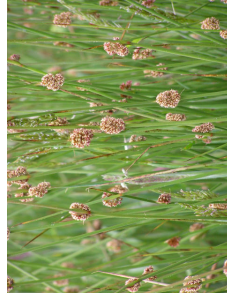




Photo 6:

View north east of watercourse through the Kingston Golf course near the 14th Tee. (refer Attachment D).

Source: D Palmer
21 December 2006.