

Remuera Golf Club – preliminary results

Woody tree species

**Note this is only a snapshot of species diversity and is not absolute.

Spp code	Species	Common name	Flora Type
ABInor	<i>Abies nordmanniana</i>	Caucasian fir	Exotic
ACAmel	<i>Acacia melanoxydon</i>	Australian blackwood	Exotic
ACErub	<i>Acer rubrum</i>	Red maple	Exotic
ACMsmi	<i>Acmena smithii</i>	Monkey apple	Exotic
AGAus	<i>Agathis australis</i>	Kauri	Native
AGOfle	<i>Agonis flexuosa</i>	Aus. Willow myrtle	Exotic
ALEexc	<i>Alectryon excelsus</i>	Titoki	Native
ALLtor	<i>Allocasuarina torulosa</i>	Forest sheoak	Exotic
ALNcor	<i>Alnus cordata</i>	Italian alder	Exotic
ALNglu	<i>Alnus glutinosa</i>	Common alder	Exotic
ANGcos	<i>Angophora costata</i>	Rose gum	Exotic
ARAcol	<i>Araucaria columnaris</i>	New Caledonia pine	Exotic
BANint	<i>Banksia integrifolia</i>	Coast banksia	Exotic
BETpen	<i>Betula pendula</i>	Silver birch	Exotic
CALvim	<i>Callistemon viminalis</i>	Weeping bottlebrush	Exotic
CAMjap	<i>Camellia japonica</i>	Camellia	Exotic
CAScun	<i>Casuarina cunninghamiana</i>	River sheoak	Exotic
CASgla	<i>Casuarina glauca</i>	Swamp oak	Exotic
CEDdeo	<i>Cedrus deodara</i>	Himalayan cedar	Exotic
CHAlaw	<i>Chamaecyparis lawsoniana</i>	Lawson's cypress	Exotic
CINcam	<i>Cinnamomum camphora</i>	Camphor laurel	Exotic

COPmac	<i>Coprosma macrocarpa</i>		Native
COPrep	<i>Coprosma repens</i>	Tuapata	Native
COProb	<i>Coprosma robusta</i>	Glossy karamu	Native
CORaus	<i>Cordyline australis</i>	Cabbage tree	Native
CORcit	<i>Corymbia citriodora</i>	Lemon-scented gum	Exotic
CORgum	<i>Corymbia ficifolia</i>	Red flowering gum	Exotic
CORlae	<i>Corynocarpus laevigatus</i>	Karaka	Native
COTfra	<i>Cotoneaster franchettii</i>	Cotoneaster	Exotic
CRAmon	<i>Crataegus monogyna</i>	Hawthorn	Exotic
CRYjap	<i>Cryptomeria japonica</i>	Japanese cedar	Exotic
CUPlus	<i>Cupressus lusitanica</i>	Mexican cypress	Exotic
CUPmac	<i>Cupressus macrocarpa</i>	Macrocarpa	Exotic
CUPsem	<i>Cupressus sempervirens</i>	Mediterranean Cypress	Exotic
CYAdea	<i>Cyathea dealbata</i>	Silver fern	Native
CYAmcd	<i>Cyathea medullaris</i>	Mamaku	Native
DICsqu	<i>Dicksonia squarrosa</i>	whekī	Native
EUCcin	<i>Eucalyptus cinerea</i>	Silver dollar gum	Exotic
EUCnic	<i>Eucalyptus nicholii</i>	Willow Leaf Peppermint	Exotic
EUCsal	<i>Eucalyptus saligna</i>	Sydney blue gum	Exotic
FICmac	<i>Ficus macrophylla</i>	Morton Bay fig	Exotic
GENlig	<i>Geniostoma ligustrifolium</i>	Hangihangi	Native
GRErob	<i>Grevillea robusta</i>	Silk oak	Exotic
GRIlit	<i>Griselinia littoralis</i>	Kapuka	Native
GRIluc	<i>Griselinia lucida</i>	Puka	Native
KUNeri	<i>Kunzea ericoides</i>	Kanuka	Native

LEPpet	<i>Leptospermum petersenii</i>	Lemon-scented tea tree	Exotic
LEPsko	<i>Leptospermum scoparium</i>	Manuka	Native
LIQsty	<i>Liquidambar styraciflua</i>	Sweet gum	Exotic
LOPcon	<i>Lophostemon confertus</i>	Brush box	Exotic
MACexc	<i>Macropiper excelsum</i>	Kawakawa	Native
MAGgra	<i>Magnolia grandiflora</i>	Southern magnolia	Exotic
MELram	<i>Melicytus ramiflorus</i>	Mahoe	Native
MERSin	<i>Meryta sinclairii</i>	Puka	Native
METexc	<i>Metrosideros excelsa</i>	Pohutakawa	Native
MICSPP	<i>Michelia spp.</i>	Michelia	Exotic
MYRaus	<i>Myrsine australis</i>	Red mapou	Native
NERole	<i>Nerium oleander</i>	Oleander	Exotic
PHOxfr	<i>Photinia x fraseri</i>	Photinia	Exotic
PINpat	<i>Pinus patula</i>	Patula pine	Exotic
PINpod	<i>Pinus ponderosa</i>	Ponderosa pine	Exotic
PINrad	<i>Pinus radiata</i>	Radiata pine	Exotic
PITcrf	<i>Pittosporum crassifolium</i>	Karo	Native
PITeug	<i>Pittosporum eugenoides</i>	Lemonwood	Native
PITten	<i>Pittosporum tenuifolium</i>	Kohukohu	Native
PODtot	<i>Podocarpus totara</i>	Totara	Native
POPyun	<i>Populus yunnanensis</i>	Yunnan poplar	Exotic
PSEles	<i>Pseudopanax lessonii</i>	Houpara	Native
QUEpal	<i>Quercus palustris</i>	Pin oak	Exotic
QUERob	<i>Quercus robur</i>	European oak	Exotic
SALalb	<i>Salix babylonica</i>	Weeping willow	Exotic

SCHmol	<i>Schinus molle</i>	Pepper tree	Exotic
SEQsem	<i>Sequoia sempervirens</i>	Coastal redwood	Exotic
SOPmic	<i>Sophora microphylla</i>	Kowhai	Native
SORauc	<i>Sorbus aucuparia</i>	Rowan	Exotic
Spp12	**yet to be identified**		
TAXdis	<i>Taxodium distichum</i>	Swamp cypress	Exotic
ULMpro	<i>Ulmus procera</i>	English elm	Exotic
VITluc	<i>Vitex lucens</i>	Puriri	Native

Total species observed: 79 – 34.2% native, 65.8% exotic species.

Pest plant species:

*Species listed in the ARC Pest Management Strategy 2007-2012.

**Species listed in the 2012 National Pest Plant Accord.

Spp code	Species	Common name
ACAmol	<i>Acanthus mollis</i>	Bear's breeches
AGApra	<i>Agapanthus praecox</i>	Agapanthus*
ARAhor	<i>Arajuia hortorum</i>	Moth plant**
ATRbel	<i>Atropa belladonna</i>	Deadly nightshade
CIRvul	<i>Cirsium vulgare</i>	Scotch thistle
HEDhel	<i>Hedera helix</i>	Ivy*
HEDfla	<i>Hedychium flavescens</i>	Yellow ginger**
JACvul	<i>Jacobaea vulgaris</i>	Ragwort*
LIGjap	<i>Ligustrum japonicum</i>	Japanese privet
MYRscs	<i>Myrsiphyllum scandens</i>	Climbing asparagus**

PARlop	<i>Paraserianthes lophantha</i>	Brush wattle*
PAStri	<i>Passiflora tripartita</i>	Banana passionfruit**
PHYoct	<i>Phytolacca octandra</i>	Ink weed
RUMobt	<i>Rumex obtusifolius</i>	Broad-leaved dock
SOLmau	<i>Solanum mauritianum</i>	Woolly nightshade**
ACMsmi	<i>Acmena smithii</i>	Monkey apple**
TRAflu	<i>Tradescantia fluminensis</i>	Wandering jew**
ULEeur	<i>Ulex europaeus</i>	Gorse*
ZANted	<i>Zantedeschia aethiopica</i>	Arum lily**
COTfra	<i>Cotoneaster franchettii</i>	Cotoneaster*

Largely found in out-of-bounds vegetation throughout the course and in plant waste disposal sites.

Mammalian pest species:

Large presence observed of brushtail possum activity, with evidence recorded on 90% percent of chewcards. No rat or mouse activity observed, but there was a little evidence of hedgehog and cat presence (the latter likely to be that of domestic the domestic variety).

Spatial analysis:

Total area: 70.0ha.

Total playable area: 23.2ha – includes green, fairway, bunker systems and driving range.

Percentage of area deemed non-playable (rough) or out of bounds: 61.9%.

Area dedicated to woody vegetation: 16.8ha.

Average size of woody vegetation: 0.4ha – includes fairway dividers and course buffers.

Average distance between belts of woody vegetation: 61.6m – suggests there is connectivity between habitat patches for avian species.