



Wainuiomata Scenic Reserve (proposed)

Area: 159.48 ha

WAIRUOMATA SCENIC RESERVE		REF R 27 742923 to 750911											
<i>for</i>	<i>when</i>	<i>✓</i> [✓] bush / scrub / tussock etc	wetland	plants	animals	geology and soil	historic/prehistoric	water supply					
LOCATION													
Between Hair Street, and Moores Valley Road, Wairuomata.													
ACCESS													
Off Hair Street.													
OUTLINE & TOPO		Valleys and moderately steep slopes of tributary catchment of Wairuomata stream.											
SURROUNDINGS		Rural land to east, forest and scrub cover to north end of catchment, scrub cover and beach to west adjoining township of Wairuomata.											
GEOLOGY		Weathered greywacke; loams on greywacke; recent alluvium.											
SPM		Greywacke colluvium, alluvium in situ.											
SOIL		Taupo Hill soils, central yellow-brown earths.											
DRAINAGE		Good on slopes. Valley terraces with a high water table.											
RES		NOT		MAIN HABITATS and FEATURES									
<i>D</i>	<i>Z</i>	<i>O</i>	<i>N</i>	<i>Z</i>	<i>N</i>	<i>% area</i>	<i>area ha</i>	<i>native P¹ 2nd Ind</i>	<i>ex igen</i>	<i>HAT</i>	<i>trend</i>	<i>status</i>	
✓	✓			1.	Hard beech/kamahi forest on slopes and ridges. Remnant tall tawa-pukatea/mahoe, mixed broad-leaved spp. in valleys and gullies.	48.1	77.0	✓✓		B	B	S	I.
✓	✓			2.	Mixed broadleaved spp. scrub-tree-land on slopes and spurs.	33.0	50.6	✓		H	M	I	I.
✓	✓			3.	Manuka-gorse shrubland on lower slopes and spurs.	10.7	29.7	✓✓		H	M	I	M
✓	✓			4.	Mixed 2 nd broadleaved spp. forest on upper slopes of catchment (not in reserve).			✓		H	B	B	I.
				1.	Tall secondary stands of hard beech with infrequent black beech dominate on the infrequently burnt spurs and slopes. The stands are of different ages and some stands contain large diameter survivors from the original hard beech cover. Canopy ranges in height from 12m - 18m. There is an open understorey with kamahi, the commonest species. Scattered shrubs of heketara, miro, pīngawī and coprosma microcarpa are also present.								
				2.	Remnant stands of tall tawa-pukatea/mahoe-mixed broadleaved spp. forest are found in valley and gully bottoms. Isolated large trees of rimu and N. rata occur as emergents. The canopy reaches 20m. A dense understorey of mahoe, rāniora, putaputaweta, pate and whēki is present. Many fern species present on the ground floor and as epiphytes.								
				3.	A mosaic of different aged communities dominated by varying proportions of shrubs and trees of mahoe, kamahi, five finger, rāniora, pate, rewarewa and kāmaka. Mahoe is more common on colluvial slopes and kamahi more common on clay slopes and spurs. Canopy varies from 4m - 7m in height.								
				4.	Manuka-gorse shrubland is present on recently (<20 years) burnt spurs and slopes. Varying proportions of manuka and gorse dominate the canopy. Bracken is common in the understorey. Broadleaved shrubs such as mahoe, rāniora, pate and five finger are breaking through the canopy in places.								
				5.	Mixed secondary broadleaved spp. forest is found on the upper slopes at the head of the catchment (not in reserve) and on some colluvial slopes in the reserve (but not mapped separately from 1). The forest is dominated by mahoe, red matipo, black tree fern, hinau and kamahi. Lianas and ferns are common. Some tall rimu, survivors from the original cover, are present.								
CONDITION													
Medium-good.													
FENCING		None.											
PRIORITY		Low.											
RATING 0-10													
SCIENTIFIC		5											
SCENIC		4											
RECREATION		4											
CONCLUSIONS and RECOMMENDATIONS													
Mainly secondary forest and scrub communities. Good regeneration occurring throughout and the appearance of the reserve will improve if fires are prevented.													
The reserve does not follow topographic boundaries and only the middle part of a catchment is in reserve. A logical extension of the reserve would be to include the upper slopes of the catchment running up to Mowlem at 396m. This northern part of the reserve contains advanced secondary regeneration. The reserve seems to be little used at present.													
A walking track could be developed from the Hair Street entrance giving access across the western ridge and another track up the valley and across the eastern ridge and down the next valley back to Hair Street.													
1 NATURALNESS		6 hours Fine-drizzling conditions							MCW, DJC			September 1983	
2 TREND:		D deteriorating; S steady; I improving											

REFERENCES

area	SUMMARY	HABITATS											ORGANISMS	INFER	OBSERVED				
			large	small	several	fill/cut/stable	overhanging	veg	substrate	pollution	access	N	S	M	N	L	M	H	initials
48	tall conifer ¹ forest/trees																		
	conifer ¹ forest/trees																		
	beach forest/trees																		
17	BL ¹ forest/trees																		
26	scrub/shrubs - 6m																		
	tall tussocks/grassland																		
	short tussocks/grassland																		
	grassland/grasses																		
	sedgeland/sedges																		
	rushland/rushes/repu																		
	herbland/herbs																		
	"tussock" herbland ⁴																		
	fernland/ferns																		
	"moss" land																		
	bracken																		
	exotic grassland																		
	exotic herbland/weedland																		
	exotic scrub/shrubs																		
	exotic forest/trees																		
	introduced "native" cover																		
	bog/swamp/pakihi																		
	marsh sw/lw																		
	mudflat sw/lw																		
	bluff/rocks																		
	bluffs/rocks in bush																		
	waterfall																		
	cave/gorge																		
	gravel habitat/scree																		
	dune/sand																		
	limestone																		
	ultrabasics																		
	geological site																		
	breeding ground																		
	rare/interesting animals																		
	rare/interesting plants																		
	(general)																		
	historic site																		
	historic building																		
	prehistoric site																		
	camp/midden/pits																		
	terraces/earthworks																		
	burial/tapu																		
100																			
¹ tall conifer: kahikatea, kauri, matai, miro, rimu, totara		² remaining 11 tree-sized spp										³ broadleaved		⁴ e.g. flax		⁵ incl. rough grassland, pasture etc			

TREES AND SHRUBS

Native

Aristotelia serrata
Brachyglottis repanda
Coprosma areolata
C. grandifolia
C. lucida
C. microcarpa
C. rhamnoides
C. robusta
C. rotundifolia
Cordyline australis
C. banksii
Coriaria arborea
Elaeocarpus dentatus
Gaultheria antipoda
Geniostoma rupestre var.

Hebe stricta var. *atkinsonii*
Knightia excelsa
Laurelia novae-zelandiae
Leptospermum ericoides
L. scoparium
Leucopogon fasiculatus
Lophomyrtus bullata
Macropiper excelsum
Melicytus lanceolatus
M. ramiflorus
Metrosideros robusta
Myrsine australis
M. salicina
Nothfagus solandri var. *solandri*

Nothofagus truncata
Olearia rani
O. virgata
Pennantia corymbosa
Pittosporum eugenioides
P. tenuifolium
Podocarpus dacrydioides
 (= *Dacrycarpus dacrydioides*)
Pseudopanax arboreus
P. crassifolius
P. edgerleyi
Pseudowintera axillaris
Schefflera digitata
Weinmannia racemosa

Adventive and Planted

Cytisus scoparius
C. monspessulanus

Erica lusitanica
Leycesteria formosa

Pinus radiata
Ulex europaeus

CLIMBERS, LIANES ETC.

Native

Clematis paniculata
Freylinetia baueriana ssp. *banksii*

Metrosideros diffusa
Muehlenbeckia australis

Ripogonum scandens
Rubus cissoides

Adventive

Rubus fruticosus agg.

GRASSES, RUSHES AND LIKE PLANTS

Native

Carex dissita
C. geminata
C. sp.
Cortaderia toetoe

Gahnia pauciflora
Juncus gregiflorus
Microlaena avenacea
Scirpus reticularis (= *Isolepis reticularis*)

Uncinia filiformis
U. uncinata

Adventive

Dactylis glomerata

Festuca rubra

Holcus lanatus

HERBS

Native

Acaena anserinifolia
Astelia fragrans
Chiloglottis cornuta
Dianella nigra
Earina mucronata

Epilobium rotundifolium
Hydrocotyle americana
Pterostylis allobula
Pterostylis banksii

Senecio minimus
Stellaria parviflora
Thelymitra sp.
Urtica incisa

Adventive

Cirsium vulgare
Cotula australis
Digitalis purpurea
Galium aparine

Geranium molle
Mimulus guttatus
Mycelis muralis

Prunella vulgaris
Ranunculus repens
Senecio jacobaea

FERNS AND ALLIES

Native

Alsophila smithii
 (= *Cyathea smithii*)
Asplenium bulbiferum
A. flaccidum
A. oblongifolium
A. polyodon
Blechnum chambersii
B. discolor
B. filiforme
B. fluviatile
B. minus
B. sp. (*B. capense* agg.)
Ctenopteris heterophylla

Dicksonia squarrosa
Grammitis ciliata
Histiopteris incisa
Hymenophyllum demissum
H. dilatatum
H. flabellatum
H. revolutum
H. sanguinolentum
H. scabrum
Hypolepis tenuifolia
Lastreopsis glabella,
L. hispida

Leptopteris hymenophylloides
Lindsaea trichomanoides
Lycopodium volubile
Paesia scaberula
Phymatosorus diversifolius
P. scandens
Pneumatopteris pennigera
Pteridium esculentum
Pyrosia serpens
Rumohra adiantiformis
Tmesipteris tannensis
Trichomanes venosum

BIRDS

bellbird
 blackbird
 chaffinch

fantail
 greywarbler
 house sparrow

silvereye
 starling
 white-backed magpie