



- 1. Hard beech - black beech forest.
- 2. Manuka - Kamahi scrub.
- 3. low manuka scrub.

Wi Tako Scenic Reserve (proposed)

Area: approx. 70 ha

WI TAKO SCENIC RESERVE (PROPOSED)		GRID REF R 27 797 037	
for: scenery <input checked="" type="checkbox"/> bush <input checked="" type="checkbox"/> scrub/tussock etc <input type="checkbox"/> wetland <input type="checkbox"/> plants <input type="checkbox"/> animals <input type="checkbox"/> geology/soil <input type="checkbox"/> history/prehistory <input type="checkbox"/> water supply <input type="checkbox"/>			
LOCATION North-east of Fendalton Crescent, Pinehaven, Hutt Valley.		AREA ha/xx Subject to final survey but approx 70 ha	
ACCESS From Fendalton Crescent via Fendalton Reserve abd walking track off the end of Chichester Drive.		L.D. No. STATUS Scenic RES sub-Cttee	
OUTLINE & TOPO Western side of a ridge running into the Hutt Valley between Pinehaven and Trentham. The reserve consists of small spurs and gullies clothed in secondary scrub and beech forest.		CONTROL COL GAZETTED Pending RESERVED	
SURROUNDINGS Residential area, pine plantations and Ecclesfield Scenic Reserve to the west, residential area to the north, native scrub and beech forest to the east.		HISTORY AIR PHOTO SN 4697 H/15 date 6.10.80	
GEOLOGY Greywacke.		nearby town ..0.5 km Silverstream nearest reserve ..0 km Ecclesfield Scenic Reserve public road 0 km see (km) 11 Porirua Harbour	
SPM Loess and greywacke.		ALTITUDE m/ft: 80-100	
SOIL Taita hill soils - central yellow-brown earth.		ASPECT Northwest, southwest	
DRAINAGE Good.		RAIN mm/yr: 1290 (approx) NAT FERTILITY Low-medium	

RES	NOT	MAIN HABITATS and FEATURES		%	area	native			ex	regen	NAT	trend	exotics	
		LD	NZ			1 ^o	2 ^o	ind						
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.	<u>Hard and black beech forest</u> on loess and deeply weathered greywacke.	27	19	<input checked="" type="checkbox"/>					M	M	S	L
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2.	Mosaic of <u>Kamahi</u> - <u>manuka</u> scrub on loess and deeply weathered greywacke.	70	49		<input checked="" type="checkbox"/>				H	M	I	M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.	<u>Manuka</u> scrub on loess and deeply weathered greywacke.	3	2		<input checked="" type="checkbox"/>				H	L	I	M
		1.	Forest up to 20m tall above an understorey of kamahi, five finger, <i>Gahnia</i> and mingimingi. Litter and <i>Dianella nigra</i> are common on the floor. Kamahi occasionally reaches to canopy level. Wilding pines are present in one or two places but most have been ringbarked.											
		2.	A complex mosaic of sapling and pole stands of kamahi and similar stands of manuka. Wilding pines, mostly ringbarked are present throughout. Remnant mature beech trees are also present, especially in gully sites which have been sheltered from fires. In the kamahi and manuka stands five finger and rewarewa both reach canopy level with rewarewa often emergent above it. The understorey commonly includes five finger, mingimingi, kamahi, <i>Gahnia setifolia</i> , heketara, <i>Coprosma lucida</i> and bracken. Common on the floor are lichens, litter, <i>Lycopodium volubile</i> , <i>Blechnum</i> sp. (= <i>Lomaria latifolia</i>) and kiokio. In a few sheltered gullies small areas of broadleaved scrub are present with pate, mahoe, fuchsia, mahoe, rangiora and five finger being the dominant species. At the top of a gully at the southern end of the reserve a few remnant northern rata trees are present.											
		3.	An area of 1.5m tall manuka which has grown after recent cutting of the taller manuka scrub previously present. The slash from the previous stand has been heaped up into piles which are scattered throughout the present vegetation. Other species present include bracken, <i>Gahnia setifolia</i> , <i>G. pauciflora</i> and <i>Baumea tenax</i> . A few young beech, kamahi and rewarewa trees are present (up to 8m tall) and large self sown pine trees are common. When the final survey of this reserve is done it may well be that this area will lie outside the reserve boundaries.											
					100	70								

CONDITION
Understorey and regeneration generally good but complete eradication of pines will need a continuing programme of removal and ringbarking. Some damage to trees from local children.

FENCING Good - recently fenced along eastern boundary which borders Wi Tako Prison land.

PRIORITY Nil.

RATING 0-10

SCIENTIFIC ...2. Much disturbed area.

SCENIC4. Bush backdrop to residential area but pines detract from scenic qualities.

RECREATION3. Rough tracks exist but probably used mainly by children.

CONCLUSIONS and RECOMMENDATIONS

A reserve serving an important role as a scenic backdrop to residential areas of considerable size. With the continued development of regenerating areas and the eradication of pines the scenic qualities of the reserve will be much enhanced in the future.

The reserve shows considerable potential for public use mainly in the form of bush walks, although track development should be restricted, perhaps to one main route.

The eastern boundary fence, recently completed by Wi Tako Prison inmates, runs some distance inside the actual boundary line proposed in the Hutt County District Scheme and it appears that the final boundary will be surveyed along this fenceline.

¹ NATURALNESS

² TREND: D deteriorating; S steady; I improving

REFERENCES

% area	SUMMARY	HABITATS												ORGANISMS														
		WATER / SHORE						veg			substrate			poll-ution		access		INFER				OBSERVED						
		large	small	several	fill/cut/stable	overhang	emergent	herbac.	cliff	rock	stony	s+shingle	mud	organic	rubbish	eutrophic	foot	boat	car	a - adjoins reserve	N	S	M	N	L	M	H	initials
27	tall conifer ¹ forest/trees																			higher native plants	89							
	conifer ² forest/trees																			lower plants	24							
73	beech forest/trees																			exotic plants								
	BL ³ forest/trees																			exotic plants								
	scrub/shrubs <6m																			bush								
	tall tussocks/grassland																			scrub								
	short tussocks/grassland																			in native								
	grassland/grasses																			grass								
	sadgeland/sedges																			higher freshwater plants								
	rushland/rushes/raupo																			lower freshwater plants								
	herbland/herbs																			native mammals								
	"tussock" herbland ⁴																			native birds								
	ternland/ferns																			introduced birds								
	"moss" land																			waterfowl s.f.								
	bracken																			introduced waterfowl								
	exotic grassland ⁵																			reptiles								
	exotic herbland/woodland																			native/introduced amphibia								
	exotic scrub/shrubs																			fw native fish								
	exotic forest/trees																			fw introduced fish								
	introduced "native" cover																			fw invertebrates								
	bag/swamp/pakihi																			terrestrial invertebrates								
	marsh sw/lw																			saltwater life								
	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																											
	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
Beilschmiedia tawa
Brachyglottis repanda
Carpodetus serratus
Cassinia leptophylla
Coprosma grandifolia
C. lucida
C. microcarpa
C. rhannoides
C. robusta
Cordyline australis
C. banksii
Coriaria arborea

Cyathodes juniperina
Dacrydium cupressinum
Elaeocarpus dentatus
Fuchsia excorticata
Gaultheria antipoda
Geniostoma rupestre var.
Knightia excelsa
Laurelia novae-zelandiae
Leptospermum ericoides
L. scoparium
Leucopogon fasciculatus
Melicytus ramiflorus
Metrosideros robusta

Myrsine australis
M. salicina
Nothofagus solandri var. solandri
N. truncata
Pittosporum tenuifolium
Podocarpus ferrugineus
(= Prumnopitys ferruginea)
P. totara
Pseudopanax arboreus
P. crassifolius
Schefflera digitata
Weinmannia racemosa

Adventive

Cotoneaster sp.
Cytisus scoparius

Erica lusitanica
Prunus sp.

Ulex europaeus

CLIMBERS, LIANES ETC.

Native

Calystegia tuguriorum
Clematis paniculata
Freycinetia baueriana ssp. banksii

Muehlenbeckia australis
Parsonia heterophylla
Ripogonum scandens

Rubus australis
R. cissoides

Adventive

Rubus fruticosus

GRASSES, RUSHES AND LIKE PLANTS

Native

Baumea tenax ✓
Carex dissita
C. secta
C. solandri
Gahnia pauciflora

Gahnia setifolia
Juncus planifolius
J. sarophorus
Lepidosperma australe
Microlaena avenacea

Rytidosperma sp.
Scirpus reticularis (=Isolepis
reticularis)
Uncinia banksii
U. uncinata

Adventive

Agrostis tenuis
Bromus diandrus
Dactylis glomerata

Ehrharta erecta
Festuca arundinacea

Juncus effusus
Holcus lanatus

HERBS

Native

Astelia fragrans
A. solandri
Corybas macranthus

Dendrobium cunninghamii
Dianella nigra
Euphrasia cuneata

Gonocarpus micranthus
Lobelia anceps
Senecio minimus

Adventive

Cirsium vulgare
Gonyza sp.
Gnaphalium spicatum
Hypochaeris radicata

Parentucellia viscosa
Prunella vulgaris
Ranunculus repens
Rumex obtusifolius

Senecio jacobaea
Trifolium pratense
T. repens

FERNS AND ALLIES

Native

Alsophila tricolor (Cyathea dealbata)
Asplenium bulbiferum
A. flaccidum
Blechnum discolor
B. sp. (capense agg.)
B. sp. (=Lomaria latifolia)
Dicksonia squarrosa

Histiopteris incisa
Hymenophyllum demissum
H. multifidum
H. sanguinolentum
H. scabrum
Lindsaea linearis ✓
Lycopodium scariosum

Lycopodium volubile
Paesia scaberula
Phymatosorus diversifolius
Pneumatopteris pennigera
Pteridium esculentum
Pyrrrosia serpens
Sticherus cunninghamii

BIRDS

fantail

tui

waxeye