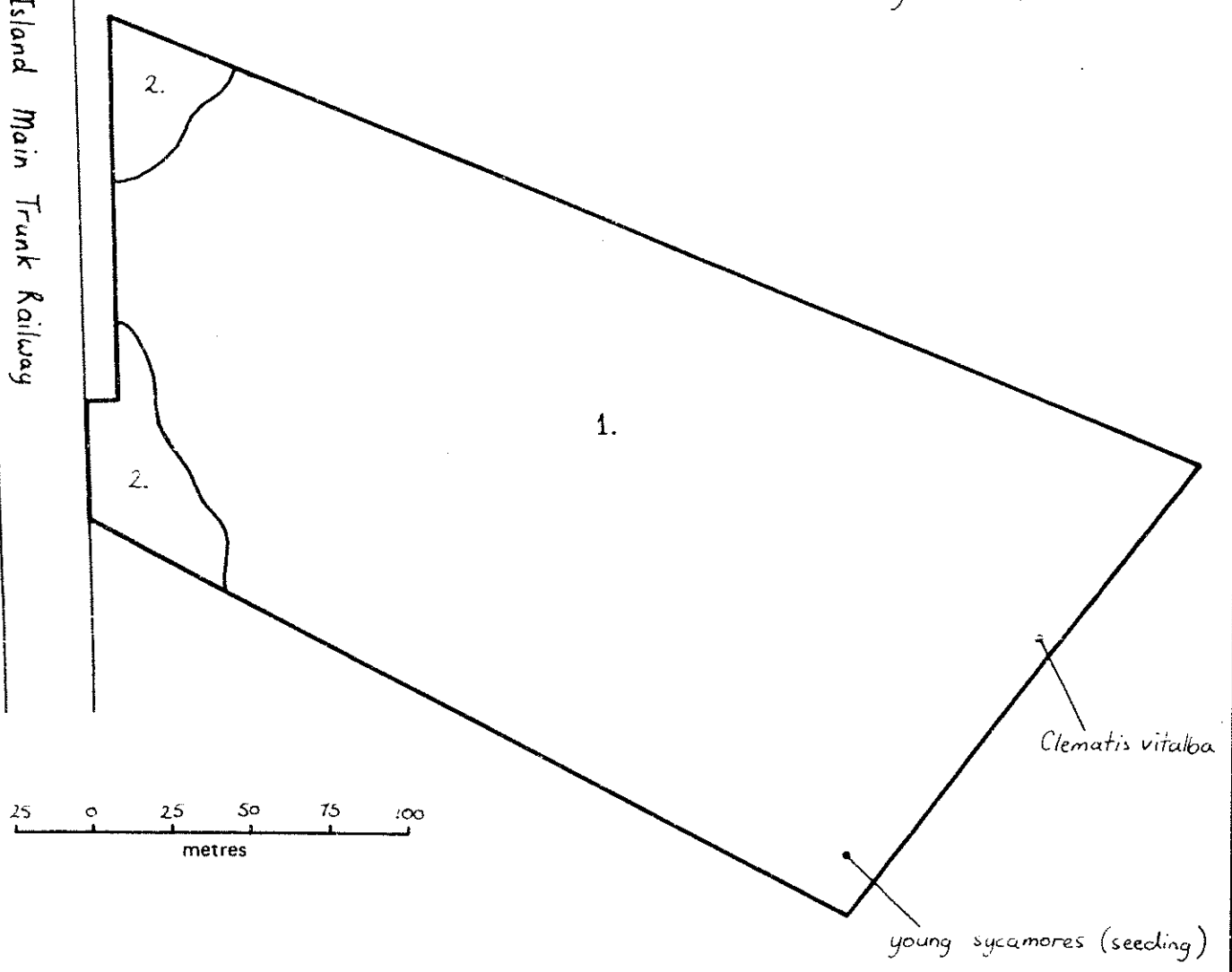




North Island Main Trunk Railway  
State Highway No 1.

- 1. Kohokohe - tawa forest.
- 2. Rank grassland.



# Waikanae Scenic Reserve

Area: 5.1390 ha

WAIKANAĒ SCENIC RESERVE						GRID REF N 157 618 752										
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"/>																
<b>LOCATION</b> On State Highway 1 about 2km north of Waikanae.						<b>AREA</b> ha/acre 5.1390										
<b>ACCESS</b> Foot access across railway line parallel to highway.						<b>L. D. No.</b> 136										
<b>OUTLINE &amp; TOPO</b> A small remnant of kohekohe dominated forest on a gently sloping hillside of rocky colluvium overlooking the coastal plains. Stock were excluded from the reserve in the mid 1970's.						<b>STATUS</b> Scenic <b>RES sub-Clas</b>										
<b>SURROUNDINGS</b> Pasture, forest on part of northern boundary, railway and associated waste-land on western boundary.						<b>CONTROL</b> CCL										
<b>GEOLOGY</b> Greywacke.						<b>GAZETTED</b> 1981/501 <b>RESERVED</b>										
<b>SPM</b> Colluvium.						<b>HISTORY</b>										
<b>SOIL</b> Central yellow-brown earth, stony silt loam.						<b>AIR PHOTO</b> SN 5497 J/7 <b>date</b> 6.10.80.										
<b>DRAINAGE</b> Good in forest, impeded in south-west corner of reserve.						<b>nearby town</b> ...2 km Waikanae <b>nearest reserve</b> 0.5 km Hemi Matenga Scenic <b>public road</b> .0 km <b>sea (km)</b> 2.5										
						<b>ALTITUDE</b> m/ft x 20-65										
						<b>ASPECT</b> West-south-west										
						<b>RAIN</b> mm/yr 1095 (approx)										
						<b>NAT FERTILITY</b> Medium										
<b>MAIN HABITATS and FEATURES</b>																
RES	HOT					%	area	native	ex	regen	NAT	trend <sup>2</sup>	exotics			
LD	ZN	LD	ZN					area	ha	1°	2°	ind	L	L	I	M
✓	✓	1. <u>Kohekohe</u> - <u>tawa</u> forest (up to c. 15m)/open understorey of kohekohe/kawakawa/litter- rocks.				94.8	4.87	✓	✓	L	L	I	M			
Mahoe and rewarewa are occasionally present in canopy. Less common are titoki, karaka, hinau, pukatea, white maire and black maire.																
The understorey consisting of kohekohe saplings and kawakawa is better developed in the eastern end of the reserve.																
Introduced grasses and weeds are present with bracken around the margin of the forest stand within the reserve fence. These weeds include barberry, hemlock, inkweed, ragwort, Himalayan honeysuckle, Scotch thistle, sycamore and tall fescue.																
✓	✓	2. Rank grassland, often boggy. Main grasses are tall fescue and cocksfoot. Also present are creeping buttercup, <i>Carex virgata</i> and <i>Cyperus ustulatus</i> .				5.2	0.27			✓	M	L	S	H		
						100	5.14									
<b>CONDITION</b> Canopy in good condition. Understorey just beginning to develop after the exclusion of stock in mid 1970's.																
<b>FENCING</b> Good, fully fenced except along frontage.																
<b>PRIORITY</b> Low																
<b>RATING 0-10</b>																
<b>SCIENTIFIC</b> .5..																
<b>SCENIC</b> .5.. Viewed by motorists on main highway.																
<b>RECREATION</b> .9.. No access or parking area.																
<b>CONCLUSIONS and RECOMMENDATIONS</b>																
A small area of coastal forest with a large number of tree and shrub species although many are represented by only 1 or 2 specimens. The condition of this stand should continue to improve with the increasing development of the understorey and upper understorey layers and improved regeneration of many canopy species.																
A plant of old man's beard and some young sycamore trees should be removed from the south-eastern end of the reserve (See map).																
1... hours .... Fine..... conditions MCW, DJC November 1983																

<sup>1</sup> NATURALNESS

<sup>2</sup> TREND: D deteriorating; S steady; I improving



TREES AND SHRUBS

Native

*Alectryon excelsus*  
*Beilschmiedia tawa*  
*Brachyglottis repanda*  
*Cassinia leptophylla*  
*Coprosma grandifolia*  
*C. rhamnoides*  
*C. robusta*  
*Cordyline australis*  
*Corynocarpus laevigatus*  
*Dysoxylum spectabile*  
*Elaeocarpus dentatus*  
*Geniostoma rupestre* var.

*Griselinia lucida*  
*Hedycarya arborea*  
*Knightia excelsa*  
*Laurelia novae-zelandiae*  
*Macropiper excelsum*  
*Melicope ternata*  
*Melicytus ramiflorus*  
*Myoporum laetum*  
*Myrsine australis*  
*Nestegis cunninghamii*  
*N. lanceolata*

*Olearia rani*  
*Paratrophis banksii* (saplings)  
*Pennantia corymbosa*  
*Pittosporum tenuifolium*  
*Podocarpus dacrydioides*  
(= *Dacrycarpus dacrydioides*)  
*P. ferrugineus* (= *Prumnopitys taxifolia*)  
*Pseudopanax arboreus*  
*Rhopalostylis sapida*  
*Solanum aviculare*

Adventive

*Acer pseudoplatanus*  
*Berberis glaucocarpa*  
*Chamaecytisus palmensis*

*Cytisus monspessulanus*  
*Lycium ferocissimum*  
*Phytolacca octandra*

*Sambucus nigra*  
*Solanum pseudocapsicum*

CLIMBERS, LIANES ETC.

Native

*Clematis paniculata*  
*Freycinetis baueriana* ssp. *banksii*  
*Metrosideros diffusa*

*Metrosideros fulgens*  
*M. perforata*  
*Muehlenbeckia australis*

*Parsonsia heterophylla*  
*Ripogonum scandens*

Adventive

*Clematis vitalba*  
*Leycesteria formosa*

*Rubus fruticosus*

(*Passiflora mollissima*) - removed  
in 1983

GRASSES, RUSHES AND LIKE PLANTS

Native

*Carex virgata*  
*Cyperus ustulatus*

*Juncus sarophorus*  
*Microlaena stipoides*

*Rytidosperma racemosa*  
*Uncinia uncinata*

Adventive

*Dactylis glomerata*

HERBS

Native

*Cardamine* sp. (*C. debilis* agg.)  
("narrow petal")

*Collospermum hastatum*  
*Earina mucronata*

*Hydrocotyle moschata*  
*Oxalis exilis*

Adventive

*Cirsium vulgare*  
*Conium maculatum*  
*Conyza* sp.  
*Crepis capillaris*  
*Digitalis purpurea*  
*Euphorbia peplus*  
*Fumaria officinalis*  
*Galium aparine*  
*Hypochaeris radicata*  
*Lepidium* sp.

*Lotus pedunculatus*  
*Myosotis sylvatica*  
*Physalis peruviana*  
*Plantago lanceolata*  
*Prunella vulgaris*  
*Ranunculus repens*  
*Senecio jacobaea*  
*Silybum maritimum*  
*Solanum nigrum*

*Sonchus oleraceus*  
*Stellaria media*  
*Taraxacum officinale*  
*Trifolium pratense*  
*T. repens*  
*Urtica urens*  
*Vicia sativa*

FERNS

Native

*Alsophila tricolor* (= *Cyathea dealbata*)  
*Arthropteris tenella*  
*Asplenium bulbiferum* agg.  
*A. flabellifolium*  
*A. flaccidum* ssp. *flaccidum*  
*A. oblongifolium*  
*A. polyodon*

*Blechnum filiforme*  
*Lastreopsis glabella*  
*Lastreopsis microsora* ssp. *pentangularis*  
*L. velutina*  
*Pellaea rotundifolia*  
*Phymatosorus diversifolius*

*Phymatosorus scandens*  
*Pteridium esculentum*  
*Pteris tremula*  
*Pyrrosia serpens*  
*Sphaeropteris medullaris*  
(= *Cyathea medullaris*)

BIRDS

blackbird  
fantail  
greywarbler

magpie  
silvereye  
song thrush

starling  
tui