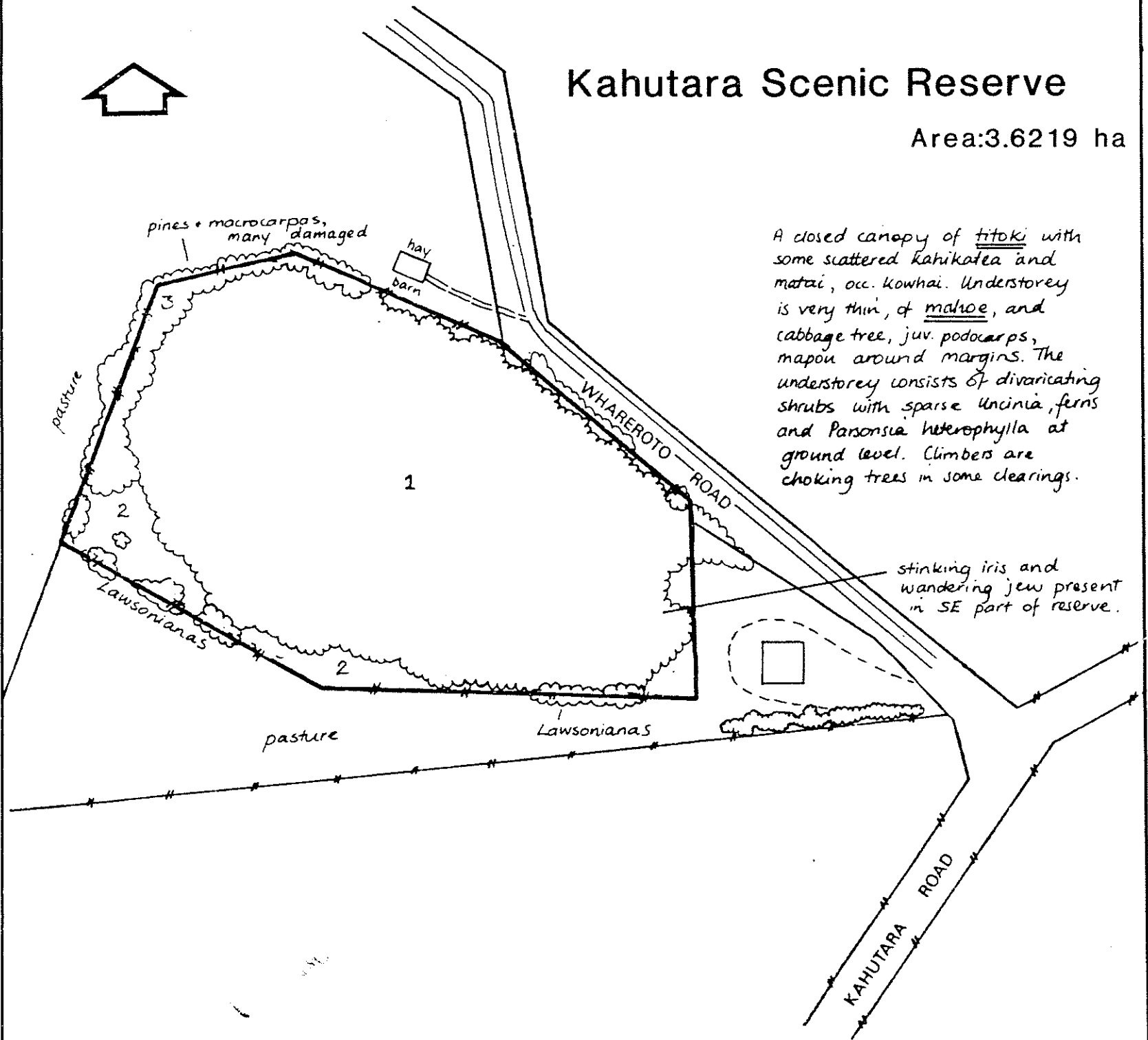


Kahutara Scenic Reserve

Area: 3.6219 ha



A closed canopy of titoki with some scattered kahikatea and matai, occ. kowhai. Understorey is very thin, of maioe, and cabbage tree, juv. podocarps, mapou around margins. The understorey consists of divaricating shrubs with sparse Uncinia, ferns and Parsonsia heterophylla at ground level. Climbers are choking trees in some clearings.

stinking iris and wandering jew present in SE part of reserve.





KAHUTARA SCENIC RESERVE		GRID REF S27 273666																																																									
For: scenery <input checked="" type="checkbox"/> bush <input checked="" type="checkbox"/> scrub/tussock etc <input type="checkbox"/> wetland <input type="checkbox"/> plants <input checked="" type="checkbox"/> animals <input type="checkbox"/> geology/soil <input type="checkbox"/> history/prehistory <input type="checkbox"/> water supply <input type="checkbox"/>																																																											
LOCATION East of Lake Wairarapa on Whareroto Rd, 13 km south of Featherston.		AREA ha: 3.6219 L.D. No. Section 26, Block XI, Wairarapa SD																																																									
ACCESS Reserve is alongside Whareroto Rd, close to the intersection with Lake View Rd.		STATUS Scenic A RES sub-Cttee																																																									
OUTLINE & TOPO The reserve is flat, originally swampy, and marginally higher than adjacent Lake Wairarapa. Now a largely titoki stand, it is a remnant of the semi-swamp kahikatea/titoki forest once common locally. It is bordered by pines, macrocarpas and Lawsoniana.		CONTROL CCL GAZETTED 1906/1008, 1979/1204 RESERVED																																																									
SURROUNDINGS Whareroto Rd runs along north-eastern side, a farmhouse backs onto the eastern boundary, otherwise it is surrounded by farmland, with a hay barn at the northern end.		HISTORY AIR PHOTO 5497 N/E date 16.10.79.																																																									
GEOLOGY Undifferentiated alluvium in fluvialite flood-plain deposits.		nearby town 12 km Martinborough nearest reserve 7 km Oporua S.R. public road Whareroto Rd, off Lake View Rd. spa (km) 25 ALTITUDE m/ft 5																																																									
SPM Alluvium, loess.		ASPECT Flat																																																									
SOIL Central recent soils from alluvium. Manawatu-Esk.		RAIN mm/yr 964 (approx)																																																									
DRAINAGE Moderately well drained.		NAT FERTILITY High.																																																									
RES NOT		MAIN HABITATS and FEATURES																																																									
<table border="1"> <thead> <tr> <th>LD</th> <th>RZ</th> <th>LD</th> <th>RZ</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table>	LD	RZ	LD	RZ	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<table border="1"> <thead> <tr> <th>% area</th> <th>area ha</th> <th>native</th> <th>ex</th> <th>regen</th> <th>NAT¹</th> <th>trend²</th> <th>exotics</th> </tr> </thead> <tbody> <tr> <td>79.5</td> <td>2.8</td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td>L L</td> <td>H L</td> <td></td> </tr> <tr> <td>7.4</td> <td>0.5</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>M L</td> <td>S H</td> <td></td> </tr> <tr> <td>13.0</td> <td>0.5</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td>L M</td> <td>S H</td> <td></td> </tr> <tr> <td>99.9</td> <td>3.8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	% area	area ha	native	ex	regen	NAT ¹	trend ²	exotics	79.5	2.8	<input checked="" type="checkbox"/>			L L	H L		7.4	0.5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M L	S H		13.0	0.5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	L M	S H		99.9	3.8							<p>1. Some scattered kahikatea, some matai, above a closed canopy of titoki with occasional kowhai and mahoe. Understorey thin, consisting of divaricating shrubs, mahoe. Sparse floor cover. Dense climbers and supplejack. Small remnant of semi-swamp vegetation on now dry ground, much of it second-growth.</p> <p>2. Marginal area of grasses, exotic weeds; pohuehue (<i>Muehlenbeckia australis</i>) is abundant.</p> <p>3. Pines and macrocarpas along boundaries with only sparse grasses beneath.</p>	
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CONDITION The closed canopy of titoki is in good condition although in openings it is smothered by passion-vine and native jasmine. The understorey is very open with low diversity although there are some kowhai and podocarp regeneration. Regeneration poor where exposed to prevailing wind. Reduction of species due to grazing and drying.																																																											
FENCING Fence in bad state of repair, damaged by falling trees.																																																											
PRIORITY High. The reserve would be very sensitive to accidental grazing.																																																											
RATING 0-10																																																											
SCIENTIFIC 1.... A highly modified fragment of alluvial forest. Few birds.																																																											
SCENIC 2.... Hidden from road by bordering, damaged pines, surrounded by farmland.																																																											
RECREATION 2.... Easy to walk through but it is on a side road and probably only frequented by the farm children.																																																											
CONCLUSIONS and RECOMMENDATIONS																																																											
This small reserve has been neglected and modified (prior to reservation) by logging, stock grazing and drainage. Poor maintenance of the fence and pines has resulted in serious wind damage to the pines and native bush exposed on the SW side. The bordering pines are a liability now and should be removed entirely. Tradescantia has encroached in the eastern end, and stinking iris is found throughout, although the clearing of other nuisance weeds has improved the margins. The reserve is drier than originally and this, along with grazing, has reduced species numbers. However, the present vegetation appears healthy and is regenerating.																																																											
Five rabbits were seen within an hour in the reserve, which warrants attention.																																																											
The reserve does not get enough use to warrant development other than signposting, fencing and some weed control, indeed undisturbed regeneration is of prime importance. The fence requires maintenance on the road boundary. Continuing weed control will be necessary to protect the present canopy (from pohuehue) and regenerative growth. Large clearances may require some planting of native spp. to prevent the re-establishment of weeds.																																																											
(Continued..)																																																											
11... hours ... Fine... conditions IG 1981																																																											

¹ NATURALNESS

² TREND: D deteriorating; S steady; I improving

NATIVE SPECIES

Trees and shrubs

Alectryon excelsus
Brachyglottis repand.
Carmichaelia sp.(?arboorea)
Coprosma areolata
C. rotundifolia
C. propinqua X *robusta*
Cordyline australis
Hoheria angustifolia

Climbers and lianes, etc.

Calystegia tuguriorum
Clematis forsteri (incl. *hookeriana*)
Freycinetia baueriana ssp. *banksii*

Grasses, rushes and like plants

Carex sp.

Ferns

Asplenium flaccidum
A. oblongifolium

fantail
greywarbler
magpie

Macropiper excelsum ✓
Melicytus micranthus ✓
M. ramiflorus
Myoporum laetum
Myrsine australis
M. divaricata
Nestegis cunninghamii ✓
Paratrophis banksii

Muehlenbeckia australis
* *M. complexa*
Parsonsia heterophylla

Microlaena avenacea

Pellaea rotundifolia
Phymatosorus diversifolius

BIRDS

morepork
silvereye

Paratrophis microphylla
Pennantia corymbosa
Pittosporum tenuifolium
Podocarpus dacrydioides
P. spicatus
P. totara
Pseudopanax crassifolius ✓
Sophora microphylla ✓

Passiflora tetrandra
Ripogonum scandens

Polystichum vestitum
Pyrosia serpens

songthrush
tui

