



0 20 40 60 80 metres

# Ohinereia Scenic Reserve

Area: 4.5274 ha

OHINEREIATA SCENIC RESERVE						GRID REF T24 334746
for: scenery <input checked="" type="checkbox"/> bush <input checked="" type="checkbox"/> scrub/tussuck etc wetland <input checked="" type="checkbox"/> plants animals geology/soil history/prehistory water supply						
LOCATION 5 km N of Makuri on the Makuri-Ongaha Road; 19 km E. of Pahiatua.						AREA ha/acre 4.5274
ACCESS From farm road off Makuri-Ongaha Road. There is a gate at the NE corner, but access through it is restricted by a drainage creek.						I.D. No. Section 18, Block X, Makuri SD STATUS Scenic RES sub-Cttee
OUTLINE & TOPO This square block comprises a flat lowlying stream terrace and stream bank, with the Makuri-iti Stream running through the southern portion. The reserve is predominantly kahikatea with a success from seedling to mature tree on wet ground. The broad banks of the stream are grassed.						CONTROL CCL GAZETTED 1942/2550, 1960/1013, 1980/3006, 1981/2187 RESERVED
SURROUNDINGS Close to the eastern boundary are a farmhouse and buildings. A road forms the northern boundary and to the west is a gravel pit. The reserve is an isolated stand surrounded by sheep-grazed pasture on a valley floor below steep hillsides.						HISTORY Previously named Makuri Scenic Reserve until 1981. AIR PHOTO 5408 F18 date 17.12.79
GEOLOGY Calcareous siltstone.						nearby town 13 km Pongaroa nearest reserve 3 km Pipinui Waterfall public road Makuri-Ongaha Road sea (km) 32 ALTITUDE m/ft 300
SPM Alluvial silts and gravels; siltstone.						ASPECT Flat
SOIL Central yellow-brown earths; Mahoenui-Pahiatua soils.						RAIN mm/yr 1650 (approx)
DRAINAGE Poor.						NAT FERTILITY High.

RES	NOT	ID	DN	ID	DN	ID	DN	MAIN HABITATS and FEATURES				%	area	native	ex	region	MAT	trend	exotics		
								1 <sup>st</sup>	2 <sup>nd</sup>	ind											
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1. Kahikatea and some rimu emergent above a tawa canopy with light understorey of broadleaved species. Divaricating shrubs at margins and canopy gaps.					67.3	3.0	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	H	M	L	L
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2. Broadleaved species, predominantly lancewood and lacebark, on south bank of stream, and margins of main stand.					14.6	0.7	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	M	H	S	L
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3. Grassland with weeds including ragwort, thistle and selfheal.					13.9	0.6	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	M	L	S	H
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4. Willows					0.4	0.02							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5. Streambed					3.1	0.14							
													99.3	4.46							

**CONDITION** Very good condition. The understorey is regenerating rapidly after intermittent grazing which was discontinued in 1981. Possum levels are kept low. Cattle grazing has increased occurrence of ragwort and stinging nettle in open areas, although the bush itself is free from weeds.

**FENCING** Well fenced on all sides, with maintenance continuing.

**PRIORITY** Medium.

**RATING 0-10**

**SCIENTIFIC** 5 An authentic, albeit small, relic of wet kahikatea forest with good regeneration after past grazing. High species diversity.

**SCENIC** 4 An attractive, tall stand seen from the main road, although farm surroundings detract from its scenic value.

**RECREATION** 3 Used for picnicking by small, local population.

**CONCLUSIONS and RECOMMENDATIONS** There is a complete age range of kahikatea present here, from seedlings through to mature trees up to 2.5m diameter. The tawa canopy is common in this area; there are groves of tawa in sheltered valleys and odd scraps of tawa/broadleaved bush scattered over the steep hillsides up the Makuri-iti Valley. The low-lying reserve apparently doesn't flood but drainage is poor, so kahikatea is flourishing here (c.f. in the drained southern Wairarapa reserves). The forest floor is wet and shaded, with patches of *Hydrocotyle* and NZ jasmine, but otherwise bare or mossy. In the north-west corner I found *Aseroe rubra* (Stinkhorn fungus). Toadstools, mosses and lichens are abundant throughout the reserve. At present, the only unnatural damage is along the north and north-east fencelines. Although the reserve is little used, the grassy stream banks provide an ideal picnicking area. The easiest access is along the western fenceline, which requires a stile at the roadside. A track through the forest isn't necessary, as it is easy to walk through, although very muddy in places. Stock have been grazed intermittently since 1967, continued largely as a weed control measure for the weed problem created by the introduction of grazing. It is doubtful that this would achieve the desired long-term result, so grazing has now been disallowed and fences are being repaired. Attention should be paid to seasonal spraying of ragwort, and eradication of the small amount of *Clematis vitalba* seen near the road. A group of pines planted near the top of the south bank were cleared in 1977 as they were becoming hazardous. The banks remains open and grassed. Access to this side of the stream is difficult and requires crossing a private airstrip between the reserve and the

(Continued..)

1 1/2 hours Wet, overcast conditions IG 1981

CONCLUSIONS AND RECOMMENDATIONS (Continued)

main valley road. This is the most vigorous stand of undrained kahikatea in the vicinity, although small, and should be respected as such.

REFERENCES

%	SUMMARY	HABITATS														ORGANISMS	INFER				OBSERVED						
		WATER / SHORE		veg				substrate				poll-ution		access			a - adjoins reserve										
		large	small	several	fill/cut/slope	overhang	emergent	herbacc.	cliff	rock	stony	s-shingle	mud	organic	rubbish	eutrophic	foot	boat	car	N	S	M	N	L	M	H	initials
67.3	tall conifer <sup>1</sup> forest/trees																										
	conifer <sup>2</sup> forest/trees																										
4.6	beech forest/trees																										
	BL <sup>3</sup> forest/trees																										
	scrub/shrubs < 6m																										
	tall tussocks/grassland																										
	short tussocks/grassland																										
	grassland/grasses																										
	sedge/land/sedges																										
	rushland/rushes/raupo																										
	herbland/herbs																										
	"tussock" herbland <sup>4</sup>																										
	fernland/ferns																										
	"moss" land																										
	bracken																										
13.9	exotic grassland <sup>5</sup>																										
✓	exotic herbland/woodland																										
	exotic scrub/shrubs																										
0.4	exotic forest/trees																										
	introduced "native" cover																										
	bog/swamp/pakihi																										
	marsh sw/fw																										
	mudflat sw/fw																										
	bluff/rocks																										
	bluffs/rocks in bush																										
	waterfall																										
	cave/gorge																										
	gravel habitat/scree																										
	dune/sand																										
✓	limestone																										
	ultrabasics																										
	geological sites																										
	breeding ground																										
	rare/interesting animals																										
	rare/interesting plants																										
	historic site																										
	historic building																										
	prehistoric site																										
	camp /midden/pits																										
	terraces/earthworks																										
	burial/tepu																										
96.2																											

<sup>1</sup> tall conifer: kahikatea, kauri, matai, miro, rimu, totara <sup>2</sup> remaining 11 tree-sized spp <sup>3</sup> broadleaved <sup>4</sup> e.g. flax <sup>5</sup> incl. rough grassland, pasture etc

NATIVE SPECIES

Trees and shrubs

*Aristotelia serrata*  
*Beilschmiedia tawa*  
*Brachyglottis repanda*  
*Carpodetus serratus*  
*Coprosma areolata*  
*C. lucida*  
*C. rhamnoides*  
*C. rigida*  
*C. rotundifolia*  
*Cordyline australis*  
*Coriaria arborea*  
*Dacrydium cupressinum*  
*Elaeocarpus dentatus*  
*E. hookerianus*

Climbers, lianes etc.

*Clematis foetida*  
*C. paniculata*  
*Fuchsia perscandens*  
*Metrosideros colensoi*

Grasses, rushes and like plants

*Carex dissita*  
*C. virgata*  
*C. sp.*

Herbs

*Acaena anserinifolia*  
*Astelia fragrans*  
*Cardamine sp.*

Ferns

*Anarthropteris lanceolata*  
*Asplenium bulbiferum*  
*A. flaccidum*  
*A. polyodum*  
*Blechnum chambersii*  
*B. fluviatile*  
*B. capense*

celery-leaved buttercup  
*Clematis vitalba*  
creeping buttercup  
gum  
hawthorn

*Fuchsia excorticata*  
*Griselinia littoralis*  
*Hebe stricta*  
*Hedycarya arborea*  
*Hoheria populnea* var. *lanceolata*  
*Leptospermum scoparium*  
*Lophomyrtus bullata*  
*L. obcordatum*  
*L. bullata* X *obcordatum*  
*Melicope simplex*  
*Melicytus micranthus*  
*M. ramiflorus*  
*Nestegis cunninghamii*

*Metrosideros diffusa*  
*M. perforata*  
*Muehlenbeckia australis*  
*Parsonsia heterophylla*

*Cortaderia toetoe*  
*Juncus sp.*  
*Luzula picta*

*CollospERMUM microspermum*  
*Earina autumnalis*  
*E. mucronata*

*Dicksonia fibrosa*  
*D. squarrosa*  
*Histiopteris incisa*  
*Hymenophyllum sanguinolentum*  
*Pellaea rotundifolia*  
*Phymatosorus diversifolius*

EXOTIC SPECIES

Jerusalem cherry  
macrocarpa  
nightshade  
plantain  
poplars

*Paratrophis microphylla*  
*Pennantia corymbosa*  
*Pittosporum eugenioides*  
*Podocarpus dacrydioides*  
*P. ferrugineus*  
*P. totara*  
*Pseudopanax anomalus*  
*P. arboreus*  
*P. crassifolius*  
*Pseudowintera axillaris*  
*P. colorata*  
*Schefflera digitata*  
*Urtica ferox*

*Passiflora tetrandra*  
*Ripogonum scandens*  
*Rubus australis*  
*R. cissoides*

*Microlaena sp.*  
*Poa anceps*  
*Uncinia uncinata*

*Hydrocotyle americana*  
*H. moschata*  
*Senecio minimus*

*Pneumatopteris pennigera*  
*Polystichum richardii*  
*P. vestitum*  
*Pteridium esculentum*  
*Pyrrhosia serpens*

ragwort  
*Solanum nodiflorum*  
thistle  
willow