

Makuri Township Scenic Reserve

Area:10.8834 ha



	Flavisional valian						
MAKURI TOWNSHIP SCENIC RESERVE	GRID REF T24 331744						
	AREA haxx: 10.8834	pply]				
Two blocks, one on the banks of Makuri River between the Pahiatua-Akitio-	1.8. No. Sections 166,	. 171 :	Bik XIV	. Makn	ıri ST	·	
Pongaroa Rd and Owahanga Rd, the other is 1km N from there. 17 km E of Pahiatua. ACCISS Roadside access. The only gate is on the N fence of Section 175.	STATUS Scenic	, 4,7, #	JIK KIV	, rand	.11 30		
	RES sub-Citee CONTROL CCL						
OUYLINE TOPO Sections 171 and 175 are on flat river terraces and banks dissected by the Makuri River and a small creek. Section 171 rises gently to Owahanga Road		054 454		c (#00			
and although half the area has been heavily grazed it still contains mature totara,	GAZETTED 1912/2650, 1	.956/52	8, 195	6/529			
rises above the road. Mostly light secondary tawa -broadleaved species, but it							
also contains pasture.	HISTORY See note	S.					
SURROUNDINGS Both blocks are situated in the Makuri River valley near Makuri Township. Much of the surround land is pasture, with several large blocks of	AIR PHOTO 5139 H/32						
native vegetation. The valley is enclosed by steep ridges.	date 29.9.77.		,	**,.,,,,,,			
GEOLOGY Coquina limestone.	nearby town 15 km Ma	akuri	Gorge				
	public road Makuri Ro	ad and	Qwaha	nga Ro	ad		
	ALTITUDE MIXA 260-38	0					ALFAIT -
PM Weathered limestone, colluvium and river silts.	ASPECT Section 166	Sth, S	ection	171 N	th		
Central yellow-brown earths and related steepland soils; Mahoenui-Pahiatua	RAIN mm Km 1650 (approx)						
BRAINAGE Poor to good.	NAT FERTILITY Medium	to Hi	gh.				
		1 %	area	native	ex c	TS IS	: [8
TES NOT MAIN HABITATS and FEATURES		area	ha	1° 2° in		NAT	exotics
1. Totara - rimu - kahikatea/lacebark and ribbonwood, severely grazed unde	storey.	23	2.5		√ L		D M
2. Secondary growth tall scrub or light bush predominantly of lacebark, vis	nes and exotics	19	2.1		√ H	L :	I M
(sycamore and elderberry). 3. Exotic grassland with weeds - grazed and rank.		29	3.1			1	SH
/ 4 Secondary mixed-broadleaved bush. A few juvenile podocarps. Similar to	2 but older, few	26	2.8		M	м :	s M
exotics, recently grazed; dense vines and stinging nettle.		2	0.2		V 7.	M :	s M
5. Narrow buffer zone of robust, woody divaricating shrubs <3m.		2	0.2		1	101	2 171
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				1			
							-
		99	10.7	-			<u> </u>
SADITION The protected areas show promising recovery from past grazing although weed	infestation in Section	on 171	is a p	roblem	i ore a	nd	
and native creepers and vines are smothering open scrub in Section 175. The grazed p Clematis vitalha pase a serious threat. Some slumping of stream banks. Range from po	or to good condition.	su ser.	LOUSLY.	pyc.an	iore a	1114	
FNCING 166 alone requires fencing. Evidence of stock present.							
negative High in 166 only.							
RIORITY High in 180 Only.							
RATING E-10							
SCIENTIFIC .2. Small pocket of valley floor mixed podocarp but little regeneration a		DII.					
2 Picturesque but would be more sesthetically appealing without the she	0 <u>1</u> 1.						
4 · Local use; some good picnic sites.							
CONCLUSIONS and RECOMMENDATIONS Probably owing to the proximity of these t	wo small blocks to the	e scen	ically	superi	ior Ma	kuri	
a decision they have been neglected infested with weeds and Section 175	is still being grazed.	. Thev	are us	eful f	for pi	.cnic	k
Gorge Scenic Reserve, they have been ingificed and provide a pleasant 'bushy' outlook as scenic reserves is minimal. They are important for soil erosion control along the	course of the Makuri	River	. Ir tr	ie bank	ts or		
Section 175 were able to support undergrowth which at present is grazed, the slumpt	ng of the banks and st ead of ragwort and net	uscept ttle i:	ibility n parti	cular.	would would	ı be	е
	ke out many of the sma	aller .	orobies	i weeds	s and	it	
may be worth attempting this in Sections 175; perhaps with some replanting in the are Sycamore at the eastern end of Sections 175 and 171 needs to be removed and there is	-Clematis vitalda in 1	the sa:	ne area	Whici) MIII		
be more difficult to eradicate. Further spread of these weeds will threaten Makuri C	orge Scenic Reserve a. rough the bush is ind:	iso. S icativ	ection e of fu	ture d	degrad	ene: latio	it n
to the contract the future of this land as a scenic reserve is dependent upon long-	term weed control whic	cn is	time-co	msumin	ng and	1	f
costly. A certain amount of involvement might be possible from the local school and gained by adding this land to the Makuri Gorge Scenic Reserve. (Continued)	community, righter con		arra mar	ay entel	, c mrg	, D	~
destroy of second area series so and area series area series and area series are a series and area series area series are a series and area series are a series are a series and area series are a s							

3 hours Wet, overcast sanditions

2 TREND: D deteriorating: S steady: I improving

^I NATURALNESS

1981

I.G

RECOMMENDATIONS AND CONCLUSIONS (Continued)

Or the reserve could be relinquished completely conditional on control of sycamores and noxious weeds bordering Makuri Gorge Scenic Reserve. In 1932, Section 171 was described as having totara with little or no undergrowth. All the sections have been grazed by stock in the past, and much of Section 175 continues to be heavily grazed by lease. In this area the only juveniles present are putaputaweta, lacebark, several divaricating species, and heavily browsed kahikatea. Adults are totara, lacebark, ribbonwood and milktree. In contrast, on the other side of the fence in Section 175, regrowth is dense and more palatable species are present. However, pohuehue, New Zealand jasmine, Clematis vitalba and New Zealand passion vine are having a significant impact on the open, tall scrub. Podocarp juveniles are common in all regenerating areas. Sycamore poses a threat in Section 175 and 171, and 175 is already infested with elderberry, blackberry and stinging nettle. The lower areas flood regularly and willows have been planted along the riverbanks. Some of these are badly damaged and the banks are slumping in places. A feature of Section 175 is the beautiful, cascading Metrosideros colensoi, growing on mature and dead totara and ribbonwood. Some of the totara of the low, swampy Section 175 have been milled, several recently, with small cut blocks still lying around. Of the remaining totara, several over-mature, epihyte-laden trees reach 1.5m diameter.

Section 175 was originally an Education Reserve which in 1899 was transferred to her Majesty the Queen in exchange for land in Taihape. The object was to reserve Section 175 for scenic purposes. Also in 1899, Section 171 was gazetted as a Public Cemetery but never used as such, and was added to the Scenic Reserve in 1956.

REFERENCES

128	SUMMARY	HABITATS	,	/ /	']	/	10		reg			s	ubs	strat	e	1	po. uti		acc	cess		GANISMS		FER	. 1			R VE D
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	fernland/ferns													Ш				<u></u>	L		introduce	ed birds						ļ
-	"moss" land	MAMMALS																		ŀ	waterfow	l s.l.						Į
- American	bracken																	N	s	M	introduce	d waterfow!	V					
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3 broadleaved

4 e.g. flax

5 incl. rough grassland, pasture etc

i tall conifer: kahikatea, kauri, matai, miro, rimu, totara

NATIVE SPECIES

Trees and shrubs

Aristotelia serrata Beilschmiedia tawa Brachyglottis repanda Carmichaelia sp.(arborea) Carpodetus serratus

Corprosma grandifolia (= C. australis) Leptospermum scoparium

C. rhamnoides C. rigida C. robusta C. rotundifolia Corduline australis C. banksii

Dacrudium cupressinum Fuchsia excorticata

Climbers and lianes etc.

Calystegia tuguriorum Clematis foetida Metrosideros colensoi

M. diffusa

Grasses, Rushes and like plants

Carex lessoniana C. secta C. solandri

Herbs

Acaena anserinifolia Astelia fragrans A. solandri Collospermum hastatum (?)

Ferns

Anarthropteris lanceolata Asplenium bulbiferum A. polyodon A. flaccidum

Blechnum sp. (capense agg.) B. fluviatile

B. chambersii Cyathea medullaris

buddleia buttercup Clematis vitalba elder fennel.

foxglove

galium

Geniostoma ligustrifolium Griselinia littoralis Hebe stricta Hedycarya arborea Hoheria populnea var. lanceolata

Lophomyrtus bullata

L. obcordata L. bullata X L. obcordata Melicope simplex

Melicytus ramiflorus Myrsine australis Nestegis lanceolata Paratrophis microphylla

Metrosideros perforata Muehlenbeckia australis Parsonsia capsularis P. heterophylla

Cortaderia toetoe Microlaena avenacea

Collospermum microspermum (?) Earina mucronata Epilobium pedunculare Hydrocotyle elongata

Cuathea smithií Dicksonia fibrosa D. squarrosa Hístiopteris incisa Lastreopsis glabella Leptopteris hymenophylloides Lycopodium billardieri Pellaea rotundifolia

EXOTIC SPECIES

Gnaphalium sp. mint pennyroval plantain Prunus sp. ragwort

Pennantia corymbosa Pittosporum eugenioides P. tenuifolium Plagianthus betulinus Podocarpus dacrydioides P. spicatus P. totara Pseudopanax anomalus P. crassifolius Pseudowintera colorata Schefflera digitata Sophora microphylla Weinmannia racemosa Urtica ferox

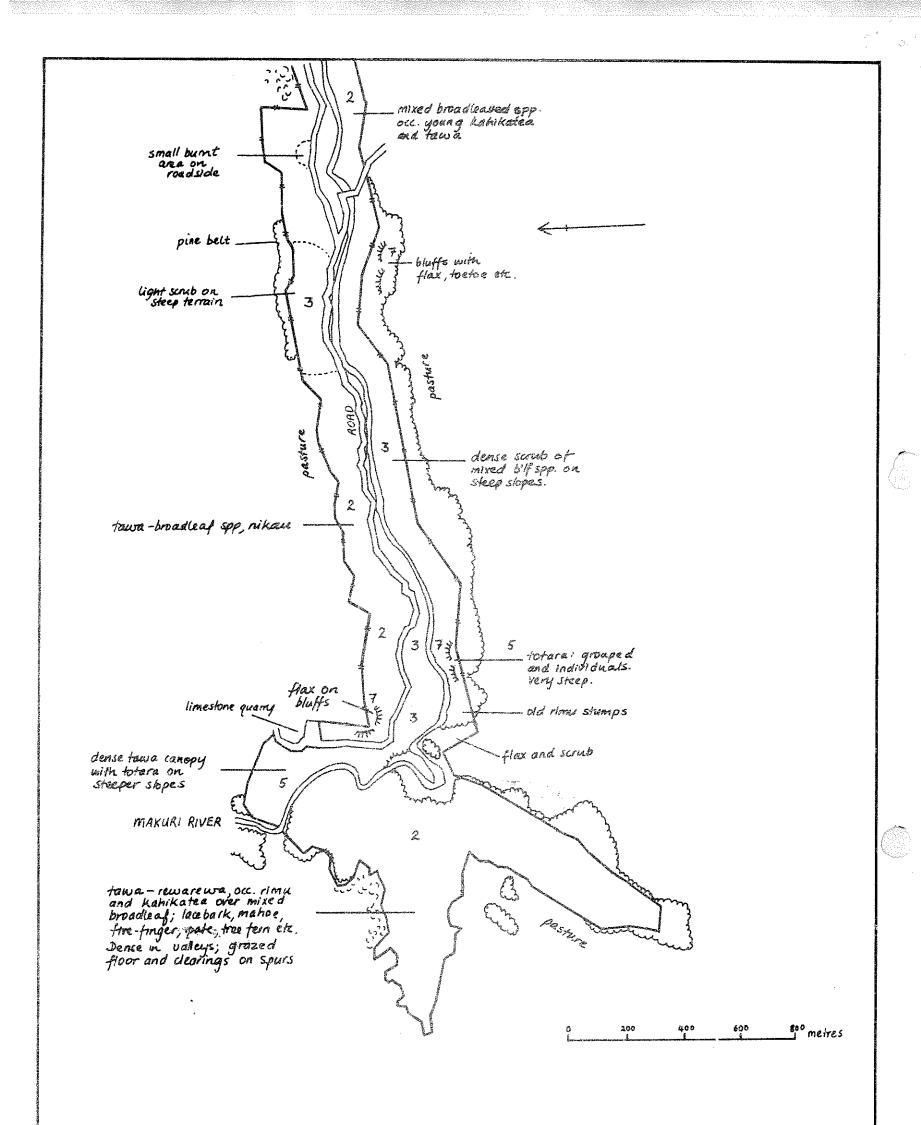
Passiflora tetrandra Ripogonum scandens Rubus cissoides

Poa anceps Uncinia uncinata

Hudrocotule moschata H. novae-zelandiae Senecio minimus Stellaria parviflora

Phymatosorus diversifolius P. scandens Pneumatopteris pennigera Polystichum richardií P. vestitum Pteris tremula Pyrrosia serpens

selfheal sycamore Trifolium sp. thistles waterweed willow



Makuri Gorge Scenic Reserve

Area:159.4764 ha