



Haukopua Scenic Reserve

Area: 80.9371 ha



HAUKOPIUA SCENIC RESERVE						GRID REF T24 322759													
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 At the end of Oete Road 15 km by road from Pahiatua, at junction of Manawatu, Tiraumea and Mangatainoka Rivers. ACCESS There is a metalled track along the NE boundary of fenced bush with a gate into this section at the southern corner. There is a gate on the track leading to the pasture section.						AREA ha/qqx 80.9371 L.D. No. Section 97, Block 1, Makuri SD STATUS Scenic RES sub-Cited CONTROL CCL													
OUTLINE & TOPO The present reserve consists of flat alluvial river terraces at the junction of two major rivers, and the riverbeds themselves. The almost semi-circular reserve has had its land boundaries considerably modified by encroachment of the rivers (see map). Over half the original reserve land area is still in tawa bush with some remaining podocarps, but much of the grazing lease has been eroded away. Originally 50.5 ha bush, 30.3 ha grazing lease.						GAZETTED 1948/347, 1957/1640, 1972/1850 RESERVED HISTORY													
SURROUNDINGS The reserve comprises short stretches of the Manawatu and Tiraumea Rivers and land between. Beyond all boundaries is open pasture. There is no other stand of native bush in the vicinity.						AIR PHOTO 5408 D/31 date 25.11.79. nearby town 10.. km Mangatainoka nearest reserve 5.. km Waewaepa SR public road Oete Road sec (km) 20 ALTITUDE m/ft/xx 80 ASPECT Flat RAIN mm/yr 1140 (approx) NAT FERTILITY Medium.													
GEOLOGY Gravel, sand and silt of marine origin. Old terrace deposits. SPM Alluvium. SOIL Recent soils from alluvium; Manawatu and Esk. DRAINAGE Good.																			
MAIN HABITATS and FEATURES																			
RES	NOT					%	area	native	ex	regen	NAT	Trend ²	exotics						
LD	NZ	LD	NZ					area	ha	1 ^o	2 ^o	ind	H	L	S	H	I		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1. Logged podocarp/tawa forest, now patchy canopy: (kahikatea)-(totara)-(matai)-(rimu)/tawa pukatea-titoki, with light mahoe, tawa, titoki, lacebark and divaricating shrub understorey. Stinging nettle abundant.				41	33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	H	H	I			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2. Continuous low canopy of broadleaved species, young tawa, titoki. Weeds throughout, Tradescantia abundant along eastern edge of bush.				20	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	H	H	I			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3. Grassy clearing surround by kahikatea with scattered cabbage trees, Cuprosma spp., narrow-leaved lacebark.				1.5	1.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	M	S	M			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4. Exotic grassland with weeds. Continuous rank grasses and sedges along southern boundary and grazed lease elsewhere.				22	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M	L	S	H		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5. Riverbed shingle.				13	10.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6. Belt of silver poplar for river protection in eastern boundary.				2.5	2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
						100	80.5												
CONDITION Regeneration of tawa, titoki and all podocarps is greatly improved since removal of stock. Silver poplar is regenerating vigorously within fenced section. Canopy is in good condition with few weeds within the bush, some ragwort around bush margins.																			
FENCING The bush section is fenced, and SE boundary to the reserve.																			
PRIORITY Low.																			
RATING 0-10 SCIENTIFIC 3 Mature tawa and pukatea stand, regenerating to original podocarp/tawa-broadleaved vegetation. Contains good specimens of pukatea and <i>Hobertia angustifolia</i> (narrow leaved lacebark).																			
SCENIC 4... From State Highway No. 2, notable for its size and attractive, even canopy.																			
RECREATION 3... Has potential (picnicking, fishing, camping) but minimal use at present.																			
CONCLUSIONS and RECOMMENDATIONS Adult podocarps have been milled and the remaining bush is predominantly tawa of mixed age from juvenile to over-mature. There are some large pukatea trees but none regenerating. However, titoki, tawa, kahikatea, matai, miro and totara are regenerating freely. Stinging nettle is abundant so the reserve is unpleasant to walk through. River erosion poses a serious threat and in the past groynes have been positioned in an attempt to control the erosion. It has been recommended by Lands & Survey that no more money be spent on protection from this natural phenomenon, and that the rivers be allowed to run their course. Much of the land eroded away was grazing lease although in the last decade approximately 3 ha of bush have been removed by the Tiraumea River. Access to the reserve is circuitous by road from the highway and so public usage is minimal. Development of the grassed areas into a picnic or camping site would most likely increase local interest in this reserve. A short track would allay the problem of stinging nettle which prevents access to the bushed section. Tradescantia and silver poplar infestations require attention.																			
3 hours Fine IG 1981																			
..... hours conditions																			

¹ NATURALNESS

² TREND: D deteriorating; S steady; I improving

REFERENCES

%	SUMMARY	HABITATS												ORGANISMS	INFER			OBSERVED														
		WATER / SHORE		veg			substrate			pollution		access			a = adjoins reserve	N	S	M	N	I	M	H	initials									
41	tall conifer ¹ forest/trees	large	small	several	fill/cut/stable	overhang	emergent	herbac	cliff	rock	stony	s-shingle	mud	organic	rubbish	eutrophic	foot	boat	car	higher native plants												
20	conifer ² forest/trees																		lower plants													
	bosch forest/trees																		exotic plants													
	BL ³ forest/trees																		bush													
	scrub/shrubs <6m																		exotic plants scrub													
	tall tussocks/grassland																		in native grass													
	short tussocks/grassland																		higher freshwater plants													
	grassland/grassus																		lower freshwater plants													
	sedge/land/sedgus																		native mammals													
	rushland/rushes/raupo																		native birds													
	herbland/herbs																		introduced birds													
	"tussock" herbland ⁴																		waterfowl s.l.													
	fernland/ferns																		introduced waterfowl													
	"moss" land																		reptiles													
	brecken																		native/introduced amphibia													
22	exotic grassland ⁵																		fw native fish													
	exotic herbland/woodland																		fw introduced fish													
	exotic scrub/shrubs																		fw invertebrates													
2.5	exotic forest/trees																		terrestrial invertebrates													
	introduced "native" cover																		saltwater life													
	bog/swamp/pakihi																															
	marsh sw/fw																															
	mudflat sw/fw																															
	bluff/rocks																															
	bluffs/rocks in bush																															
	waterfall																															
	cave/gorge																															
13	gravel habitat/scree																		planting of natives													
	dune/sand																		"natives"													
	limestone																		exotics													
	ultrabasics																		troublesome plants													
	geological site																		stock in reserve													
	breeding ground																		nett animal damage													
	rare/interesting animals																		degree used													
	rare/interesting plants																		litter rubbish													
	historic site																		heavy rubbish													
	historic building																		casual cutting													
	prehistoric site																		logging													
	camp /midden/pits																		unnatural drainage - wet													
	terraces/earthworks																		unnatural drainage - dry													
	burial/tapu																		accelerated erosion													
98.5																			topdressing risk													
																			burnt < 25 years													
																			burnt > 25 years													
																			fire risk													

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

NATIVE SPECIES

Trees and shrubs

Alectryon excelsus
Beilschmiedia tawa
Carmichaelia sp. (arborea)
Coprosma grandifolia
C. propinqua
C. rhamnoides
C. rotundifolia
Cordyline australis
Hedycarya arborea

Climbers and lianes, etc.

Metrosideros diffusa
M. perforata

Grasses, rushes and like plants

Carex flagellifera
C. geminata

Herbs

Astelia solandri
Collospermum microspermum

Ferns

Asplenium bulbiferum
A. flaccidum
A. polyodon
Blechnum chambersii
B. filiforme
Cyathea medullaris

Hoheria angustifolia
H. populnea var. *lanceolata*
Knightia excelsa
Laurelia novae-zelandiae
Leptospermum ericoides
Meliccytus micranthus ✓
M. ramiflorus
Paratrophis microphylla
Pittosporum eugenioides

Muehlenbeckia australis
Parsonsia heterophylla

Carex virgata
Microlaena stipoides

Earina mucronata

Dicksonia squarrosa
Lastreopsis glabella
Leptopteris hymenophylloides
Lycopodium billardieri
Pellaea rotundifolia
Phymatosorus diversifolius

Pittosporum tenuifolium
Podocarpus dacrydioides
P. ferrugineus
P. totara
Plagianthus betulinus
Pseudopanax arboreus
P. crassifolius
Urtica ferox

Ripogonum scandens
Rubus australis

Poa anceps
Uncinia uncinata

Gastrodia cunninghamii

Phymatosorus scandens
Pneumatopteris pennigera
Polystichum vestitum
Pteridium esculentum
Pyrrhosia serpens

EXOTIC SPECIES

cypress
Jerusalem cherry
plantain

silver poplar
Solanum nodiflorum
Tradescantia

ragwort
pasture grasses

BIRDS

tui
fantail

greywarbler

silvereve

