

PORIRUA SCENIC RESERVE								GRID REF R 27 625054 - 630076	
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"/>								AREA ha/m ² 156.1707	
LOCATION On hill slopes behind Elsdon, a suburb of Porirua City.								I.D. No.	
ACCESS Off Raiha Street, Aparangi Cres., Waiho Terrace and Ngahue Cres.								STATUS Scenic	
OUTLINE & TOPO Moderately steep hill slopes with streambed gullies on the western side of Porirua City.								RES sub-Cities	
SURROUNDINGS Farmland to west, Colonial Knob Scenic Reserve to south, suburb of Elsdon to east.								CONTROL Porirua City Council	
GEOLOGY Greywacke								GAZETTED 1971/151 and 2908. 1972/1330	
SPM Greywacke colluvium; in situ rock; some loess and solifluction deposits.								RESERVED 1960	
SOIL Korokoro hill soils, Makara steepland soils - central yellow-brown earths.								HISTORY Land originally held by MWD for scenic reserve purposes as part of the Porirua Basin Development Scheme. Formerly known as Elsdon Bush.	
DRAINAGE Good.								AIR PHOTO SN 5497 D/S date 9.9.80	
								nearby town 0.5 km Porirua	
								nearest reserve 0.2 km Colonial Knob Scenic Reserve	
								public road 0 km	
								sea (km) 3.5	
								ALTITUDE m-ASL 0-150	
								ASPECT North-east	
								RAIN mm/yr 1030 (approx)	
								SOIL FERTILITY Medium - low	

RES		NOT		MAIN HABITATS and FEATURES										%	area	native		ex	regen	NAT	trend	exotic	
LD	HZ	LD	HZ											area	ha	1 st	2 nd						
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1. Kohokohe - mahoe - tawa forest on lower hill slopes and ridges.										77.2	120.4	<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"/>	2. Tall remnant forest on steep gully.										0.4	0.6	<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"/>	3. Tawa - mahoe - rewarewa - (miro) forest on ridge (most outside present reserve boundary).										2.3	3.6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			H	H	I	M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4. Mahoe - tawa - rangiora - pigeonwood scrub on upper slopes.										2.2	19.1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			H	H	I	M
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5. Mahoe - gorse shrubland.										3.8	5.9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			M	M	I	H
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6. Gorse scrub on hill slope.										1.3	1.9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			M	L	I	H
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7. Pines.										-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			L	S	H	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8. Grassland with scrub regeneration.										2.9	4.5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			M	I	M	

- Mosaic of primary and secondary forest dominated by kohokohe and mahoe reaching up to 15m. Tawa occurs scattered in the canopy of the main forest type but also as the canopy dominant on some ridges and south facing slopes (1a). Other species occurring in the canopy include pukatea, five finger, black tree fern, rewarewa, kaikomako and nikau. There is a well developed understorey from 1-5m with rangiora, mahoe, kawakawa, red matipo, *Coprosma grandifolia*, hangehange and *Coprosma rhamnoides* common. The ground floor contains a well developed fern flora along with sedges and occasional herbaceous plants. Climbers and epiphytes are common.
- Small area of tall pukatea/mahoe - tawa forest in a gully and tall rimu and rewarewa on the slopes. The emergent old trees reach 30m in height.
- Low forest of tawa - mahoe - rewarewa with occasional miro reaching up to 6m occurs on the upper slope and ridge above the present reserve boundary. The understorey reaching up to 4m consists of shrubs and young trees of *Grisebinia littoralis*, *toro*, *Pseudowintera axillaris*, Smith's tree fern, pigeonwood and rangiora. The ground floor is quite sparse but clumps of *Blechnum filiforme* and hound's tongue fern are present. Supplejack is common throughout.
- Wind exposed scrub of mahoe, tawa, rangiora, pigeonwood is found on the upper slopes of the reserve. The vegetation is regenerating after previous forest clearance and areas of reverting pasture are still present. Other species common in this scrub include red matipo, *Coprosma grandifolia*, rewarewa, *Metrosideros fulgens*, *Coprosma rhamnoides* and marbl
- Secondary mahoe - gorse shrubland. Establishing shrubs of mahoe and other broadleaved shrubs in gorse canopy. Tawa and ngaio are conspicuous on the periphery.
- Young dense growth of gorse on hill slopes which suffer from frequent fires.
- Stands of *Pinus radiata* have been planted as a shelterbelt on the northern and eastern sides of the forest.
- Grassland and cocksfoot, Yorkshire fog and perennial rye with mahoe - tawa - ngaio regeneration in gully. There is a small area of manuka and bracken and some forest remnants at the toe of the slope.

CONDITION Good.

FENCING Well fenced on southern boundary. There is a good fence at the western end of the bush above the present reserve boundary.

PRIORITY Low.

HAYING 0-10

SCIENTIFIC .4..

SCENIC .6..

RECREATION .7..

CONCLUSIONS and RECOMMENDATIONS

This reserve along with the adjacent Colonial Knob Scenic Reserve, preserves a significant area of native bush in the Tawa-Porirua Basin. The reserve consists in large part of mainly second growth vegetation following timber milling and forest burning late last century.

The reserve boundaries do not follow any natural features and the reserve should be extended to include the upper slopes and top ridge at the western boundary and also to include all the forest in the valley to the north of the reserve. The northern extension would preserve a small area of tall kanuka forest with advanced regeneration of mahoe and kohokohe and an area of regenerating totara and rimu forest.

Indicator sp? but not T.P.

TREES AND SHRUBS

Native

Alectryon excelsus
Aristotelia serrata
Beilschmiedia tawa
Brachglottis repanda
Carmichaelia arborea
Carpodetus serratus
Cassinia leptophylla
Coprosma areolata
C. crassifolia
C. foetidissima
C. grandifolia
C. lucida
C. propinqua
C. rhamnoides
C. robusta
C. rotundifolia
C. propinqua X C. robusta
Corynocarpus laevigatus
Dacrydium cupressinum
Dysoxylum spectabile
Elaeocarpus dentatus
E. hookerianus
Fuchsia excorticata

Adventive

Crataegus monogyna

Native

Clematis forsteri
C. paniculata
Freycinetia baueriana ssp. banksii
Metrosideros diffusa
M. fulgens

Adventive

Calystegia silvatica
Lonicera japonica

Geniostoma rupestre var.
Griselinia littoralis
G. lucida
Hebe stricta var. atkinsonii
Hedycarya arborea
Knightia excelsa
Laurelia novae-zelandiae
Leptospermum scoparium
Lophomyrtus bullata
Macropiper excelsum
Melicope ternata
Melicytus ramiflorus
Meterosideros robusta
Mida salicifolia
Myoporum laetum
Myrsine australis
M. salicina
Nestegis cunninghamii
N. lanceolata
Olearia paniculata
O. rani
O. solandri

Paratrophis banksii
P. microphylla
Pennantia corymbosa
Pittosporum cornifolium
P. tenuifolium
Podocarpus dacrydioides
(=Dacrycarpus dacrydioides)
Podocarpus ferrugineus
(=Prumnopitys ferruginea)
Podocarpus spicatus
(=Prumnopitys taxifolia)
Podocarpus totara
Pomaderris phyllicifolia
Pseudopanax arboreus
P. crassifolius
Pseudowintera axillaris
Rhopalostylis sapida
Schefflera digitata
Solanum aviculare
S. laciniatum
Sophora microphylla ✓

Solanum pseudocapsicum

Ulex europaeus

CLIMBERS, LIANES ETC.

Metrosideros perforata
~~Muehlenbeckia australis~~
M. complexa
M. australis X M. complexa
Passiflora tetrandra

Parsonsia capsularis
P. heterophylla
Ripogonum scandens
Rubus cissoides

Rubus fruticosus
Senecio angulatus

Senecio mikanoides

GRASSES, RUSHES AND LIKE PLANTS

Native

Carex dissita
C. flagellifera
C. forsteri
C. geminata
C. lambertiana
C. secta
C. virgata
C. sp.
Cortaderia toetoe

Adventive

Anthoxanthum odoratum
Bromus diandrus
B. mollis

Juncus australis
J. pallidus
J. planifolius
J. sarophorus
Microlaena avenacea
M. stipoides
Rytidosperma racemosa
R. unarede
Schoenus maschalinus

Cyperus ustulatus
Eleocharis acuta
Gahnia pauciflora
Scirpus prolifer (=Isolepis prolifer)
S. reticularis (=I. reticularis)
Uncinia banksii
U. scabra
U. uncinata
U. sp.

Dactylis glomerata
Glyceris fluitans
Holcus lanatus

Lolium multiflorum
L. perenne

HERBS

Native

Acaena anserinifolia
Astelia fragrans
A. solandri
Callitriche stagnalis
Cardamine sp. (C. debilis agg.)
Centella uniflora
Collospermum hastatum
Dichondra repens
Earina autumnalis
E. mucronata

Adventive

Achillea millefolium
Aster subulatus
Brassica rapa
Carduus tenuiflorus
Cerastium fontanum
Cirsium vulgare
Conyza 'floribunda'
Daucus carota
Digitalis purpurea
Galium aparine
Geranium molle
G. robertianum

Epilobium rotundifolium
Geranium sp.
Helichrysum sp.
Hydrocotyle americana
H. moschata
Libertia grandiflora
Nertera depressa
Oxalis sp.
Parietaria debilis
Pseudognaphalium luteo-album

Pterostylis banksii
P. graminea
Ranunculus hirtus
Raoulia glabra
Senecio hispidulus
S. minimum
Stellaria parviflora
Thelymitra sp.
Urtica incisa
Wahlenbergia marginata

Gnaphalium sp.
Hypochaeris radicata
Linum marginale
Nasturtium officinale
Orobanche minor
Oxalis sp.
Plantago lanceolata
P. major
Rumex acetosella
R. obtusifolius

Sisymbrium officinale
Solanum nigrum
S. tuberosum
Sonchus asper
S. oleraceus
Tradescantia fluminensis
Trifolium pratense
T. repens
Vicia sativa

FERNS AND ALLIES

Native

Adiantum cunninghamii
Alsophila cunninghamii (= *Cyathea cunninghamii*)
A. smithii (= *C. smithii*)
A. tricolor (= *C. dealbata*)
Anarthropteris lanceolata
Arthropteris tenella ✓
Asplenium bulbiferum
A. flabellifolium
A. flaccidum
A. hookerianum
A. oblongifolium
A. polyodon
A. bulbiferum X *A. hookerianum*
A. bulbiferum X *A. flaccidum*
Blechnum chambersii
B. discolor
B. filiforme
B. fluviatile
B. membranaceum

Blechnum minus
B. penna-marina
B. vulcanicum
B. sp. (common sp. aff. *B. capense*)
Cardiomanes reniforme
Dicksonia squarrosa
Grammitis billardieri
Histiopteris incisa
Hymenophyllum demissum
H. dilatatum
H. sanguinolentum
Hypolepis tenuifolia
Lastreopsis glabella
L. hispida
L. microsora ssp. *pentangularis*
L. velutina
Leptolepia novae-zelandiae
Leptopteris hymenophylloides
Lycopodium varium

Lycopodium volubile
Paesia scaberula
Pellaea rotundifolia
Phymatosorus diversifolius
P. scandens
Polystichum richardii
P. sylvaticum
P. vestitum
Pneumatopteris pennigera
Pteridium esculentum
Pteris macilenta
P. tremula
Pyrosia serpens
Rumohra adiantiformis
Sphaeropteris medullaris
Tmesipteris elongata
Trichomanes endlicherianum
T. venosum