

**LIST OF VASCULAR PLANTS IN FENCED BUSH AREA QUEEN
ELIZABETH PARK
Topomap R26 & Pt R25 761245**

Original list C.C. Ogle 01/03/81 & 11/87

Chris Horne, Jane Humble, Lyn Pomare & Daisy, Pat Enright (3hrs) 30/9/00

Pat Enright 6/10/00 (3hrs)

Wellington Botanical Society 7/10/00

unc = uncommon (only 1 or 2 specimens seen)

1 = species not seen on current survey.

2 = addition to original list

This site is a small kahikatea (*Dacrycarpus dacrydioides*) swamp forest remnant with an area of old dunes with sparse kanuka (*Kunzea ericoides*) cover and areas of kanuka covered in pohuehue (*Muehlenbeckia complexa*) and what looks like a hybrid with the larger leaved *M. australis*.

There are some interesting conclusions to be drawn from the differences between the original survey and the current one.

The site would appear to have been much wetter in parts back in 1981. A lot of the species not seen in 2000 are plants of wet areas that have either disappeared altogether or been much reduced in occurrence. Five specimens of swamp maire (*Syzygium maire*) were originally recorded may still be there and growing together in an area that was missed. The whole area has probably been getting drier since the first european settlement with drainage of the wetlands and removal of the original vegetation. This is reflected graphically in this small remnant by the disappearance of species such as *Centipeda cunninghamii*, *Isolepis prolifer* (one small patch in a hole near eastern boundary) and *Polygonum hydropiper*. The juncus species are still growing in the area but the lack of seeding specimens makes species determination difficult in most cases. A lot of the plants look to be juveniles.

A note here about the *Centipeda* species. On the original list it was shown as *C. orbicularis* as it was not known at the time that there were two species, one exotic and the other with a tenuous indigenous status. As the nearest occurrence of known identity is *C. cunninghamii* (Te Hapua Road) this is used in this list. As the species is also recorded from the wetlands at QE2 Park, identification of this species will give the lie to this assumption.

There has been a lot of planting in the area and plants have been locally sourced to maintain the gene pool. Natural regeneration is doing well but slowly. There are several fern and sedge species that are represented by only one or two specimens after nearly twenty years but look healthy enough to survive. Splitting off tillers or offshoots and replanting in sterilised compost or potting mix would give nature a non-invasive hand.

The area is blasted by strong winds at times so the macrocarpas (*Cupressus macrocarpa*) and perhaps what appears to be some mature tasmanian ngaios (*Myoporum insulare*) should be left indefinitely as a wind break although any seedlings should be removed.

The area has plenty of weed species with Solanum species and inkweed (*Phytolacca octandra*) being particularly common. One plant of boneseed (*Chrysanthemoides monilifera*) is flowering in the middle of the clearing and should be dealt to before it sets seed.

Gymnosperm trees and shrubs

Dacrycarpus dacrydioides

kahikatea

Prumnopitys taxifolia (unc)

matai

Dicotyledonous trees and shrubs

Alectryon excelsus subsp. excelsus (unc 3)		titoki
Beilschmiedia tawa		tawa
Coprosma repens		
2 Coprosma rhamnoides		
2 Coprosma robusta		karamu
2 Coprosma propinqua x C. robusta (unc)		
Corynocarpus laevigatus		karakā
Dysoxylum spectabile		kohekohe
Elaeocarpus dentatus (unc)		hināu
Griselinia lucida	(unc)	puka, broadleaf
Knightia excelsa (unc)		rewarewa
Kunzea ericoides		kanuka
Laurelia novaezealandiae		pukatea
Leptospermum scoparium		manuka
Lophomyrtus bullata (unc)		ramarama
2 Macropiper excelsum subsp. excelsum		kawakawa
Melicocarpus ramiflorus		māhoe
Myoporum laetum		ngaio
Myrsine australis	(unc)	red matipo
Pennantia corymbosa		kaikomako
Solanum laciniatum		poroporo
Streblus banksii (unc)		towai, large leaved milk tree
Streblus heterophyllus (unc)		turepo, small leaved milk tree
1 Syzygium maire (5 seen)		swamp maire

Monocotyledonous trees and shrubs

Cordyline australis		ti, cabbage tree
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Monocotyledonous lianes

Ripogonum scandens		kareao,
supplejack		

Dicotyledonous lianes and related trailing plants

2 Metrosideros diffusa		
Metrosideros perforata		akatea
Muehlenbeckia australis		pohuehue
Muehlenbeckia complexa		pohuehue
Muehlenbeckia australis x M. complexa		
Parsonsia heterophylla		kaihua, N.Z. jasmine
Tetragona trigyna		native spinach

Ferns

2 Asplenium appendiculatum subsp. maritimum (unc)		
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Asplenium flaccidum	hanging spleenwort
2 Asplenium hookerianum (unc)	
2 Asplenium oblongifolium (unc)	huruhuruwhenua, shining spleenwort
2 Asplenium polyodon (unc)	petako, sickle spleenwort
2 Asplenium flaccidum x A. hookerianum (unc)	
2 Blechnum filiforme (unc)	thread fern
2 Cyathea dealbata (unc)	ponga, silver fern
2 Histoapteris incisa	mata, water bracken
Hypolepis ambigua	
2 Microsorium pustulatum	kowaowao,
hounds tongue	
2 Microsorium scandens (unc)	mokimoki, scented fern
2 Paesia scaberula	matata, scented fern
2 Pteridium esculentum (unc)	rauaruhe, bracken
Pteris tremula (unc)	turawera, shaking brake
Pyrrhosia eleagnifolia	ota,
leather-leaf fern	
2 Rumohra adiantiformis (unc)	

Grasses

- Cortaderia fulvida (planted?)
- Microlaena stipoides

Sedges

- 2 Carex dissita (unc)
- 2 Carex flagellifera
- Carex geminata
- Carex virgata
- Cyperus ustulatus
- Eleocharis acuta
- Isolepis prolifer (unc)

Rushes and allied plants

- 1 Juncus australis
- Juncus gregiflorus
- 1 Juncus pallidus
- 2 Juncus planifolius
- Juncus sarophorus

Remaining Monocotyledonous plants

- Phormium tenax (planted ?) harakeke, flax

Dicotyledonous herbs other than Composites

- 2 Centella uniflora (unc)
- 2 Dichondra repens
- Hydrocotyle moschata

- Hydrocotyle novae zelandiae agg.
 2 Leptostigma setulosa
 1 Myriophyllum propinquum water milfoil
 2 Oxalis exilis yellow oxalis
 Parietaria debilis

Adventives

* = native but not to the area

Dicotyledonous trees and shrubs

- 2 Chamaecytisus palmensis (originally planted) tree
 lucerne
 Chrysanthemoides monilifera (unc) boneseed
 Cupressus macrocarpa macrocarpa
 2 Hypericum androsaemum (unc) tutsan
 Lupinus arboreus tree lupin
 2 Myoporum insulare tasmanian ngaio
 Phytolacca octandra inkweed
 *2 Pittosporum crassifolium karo
 Sambucus nigra elderberry
 Ulex europaeus gorse

Dicotyledonous lianes and related trailing plants

- 2 Fumaria muralis scrambling
 fumitory
 2 Physalis peruviana cape gooseberry
 Rubus fruticosus blackberry
 Vicia sativa climbing veitch

Grasses

- Agrostis stolonifera creeping
 bent
 Agrostis tenuis browntop
 Anthoxanthum odoratum sweet vernal
 Arrhenatherum elatius tall oat grass
 Cynosurus cristatus crested dog's tail
 Dactylis glomerata cocksfoot
 Ehrhata erecta veld grass
 Holcus lanata yorkshire fog

Rushes and allied plants

- 1 Juncus articulatus

Remaining Monocotyledonous plants

- Zantedeschia aethiopica arum lily

Daisy-like herbs (Composites)

Cirsium arvense	californian
thistle	
Cirsium vulgare	scotch thistle
Conyza bilbaoana	fleabane
Crepis capillaris	hawksbeard
Hypochaeris radicata	catsear
Senecio bipinnatisectus	
Senecio jacobea	ragwort
Sonchus oleraceus	sow thistle

Dicotyledonous herbs other than Composites

2 Apium nodiflorum	water celery
2 Cardamine flexuosa	
Carduus tenuiflorus	winged thistle
1 Centipeda cunninghamii	sneezeweed
Cerastium glomeratum	mouse eared chickweed
Digitalis purpurea	foxglove
Galium aparine	bedstraw
2 Galium palustre	marsh bedstraw
1 Geranium molle	soft doves foot
Geranium robertianum	herb robert
Lotus peduncularis	
1 Mentha pulegium	pennyroyal
2 Ranunculus repens	buttercup
2 Plantago lanceolata	
2 Plantago major	
1 Polygonum hydropiper	water pepper
Rumex crispus	curled dock
Rumex conglomeratus	dock
2 Solanum chenopodioides	velvet nightshade
Solanum nigrum	nightshade
Solanum pseudocapsicum	jerusalem cherry
Stellaria media	chickweed
1 Trifolium dubium	suckling
clover	
Trifolium repens	white clover

Birds:

Fantail
Grey warbler
Pukeko
Tui