

species list for wetlands in Queen Elizabeth Park, lying between NIMT Railway, Mackays Road, and fenced remnant of coastal forest. Plants of adjacent dry pastures not listed. Numbers 1-4 indicate the species' presence in different sections of the wetland - see Fig. 1.

\* = exotic species. C.C. Ogle 1/3/81

DICOTYLEDONS

- \*Callitriche stagnalis (starwort)
- Centella uniflora
- Centipeda orbicularis
- \*Cotula coronopifolia (batchelor's button)
- \*Galium palustre (?) (marsh bedstraw)
- Gnaphalium involucreatum
- Gonocarpus micranthus
- Gratiola sexdentata
- Hydrocotyle pterocarpa
- Hypericum japonicum
- Lobelia anceps (NZ lobelia)
- \*Lotus peduncularis (lotus major)
- \*Ludwigia palustris (water purslane)
- \*Mentha pulegium (pennyroyal)
- \*Myosotis caespitosa (water forget me not)
- Myriophyllum propinquum (milfoil)
- \*Polycarpon tetraphyllum (allseed)
- \*Polygonum hydropiper (waterpepper)
- P. sp. (c.f. P. decipiens) = *salicifolium*
- \*Ranunculus repens (creeping buttercup)
- R. rivularis = *amphitrichus*
- \*R. sceleratus (celery-leaved buttercup)
- \*Rumex crispus (curled dock)
- \*Sagina procumbens (pearlwort)
- \*Trifolium repens (white clover)

Area

	1	2	3	4
				x
		x	x	x
			x	
x			x	
x	x		x	
			x	x
			x	
	x		x	
			x	
			x	
x	x		x	x
x	x		x	
x	x		x	x
x				x
x	x		x	x
x	x		x	
x			(m)	
			x	
				x
				x
x	x		x	x

MONOCOTYLEDONS

- \*Agrostis stolonifera (creeping bent)
- Carex virgata
- Cordyline australis (cabbage tree)
- Cyperus ustulatus
- Eleocharis acuta (spike edge)
- E. sphacelata (bamboo spike sedge)
- \*Festuca arundinacea (tall fescue)
- \*Glyceria declinata (floating sweet grass)
- \*Juncus articulatus
- J. australis
- \*J. effusus
- J. gregiflorus
- J. pallidus
- J. sarophorus
- Lemma minor (duckweed)
- Potamogeton cheesemanii (pond weed)
- Schoenus maschalinus
- Scirpus nodosus
- S. prolifer
- S. setacea
- \*Spirodela punctata (purple-backed duckweed)
- Wolffia australiana (water meal)

x	x	x	x
x		x	
	x	x	
	x		
x	x	x	x
		x	
x			
x	x	x	x
x	x	x	x
x	x	x	x
		x	
x	x	x	x
x	x	x	x
x		x	x
	x		
		x	
		x	
		x	

FERN

Azolla rubra (red water fern)

x		x	
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Additions to area 3 in 1982-84

- Amphibromus fluitans
- \*Lythrum hyssopifolia
- Lobelia anceps
- Lachnagrostis sp. (L. filiformis 439)

- Juncus planifolius
- Gonocarpus micranthus
- Gnaphalium involucreatum
- Hypericum japonicum
- Hydrocotyle novae-zelandiae

Plant species list for fenced coastal forest remnant, Queen Elizabeth Park, just south of Mackays Rd. (The number of specimens seen is given for a few tree species). \* denotes exotic species.

C.C. Ogle 1.3.81

GYMNOSPERMS

- \* Cupressus macrocarpa (macrocarpa)
- Podocarpus dacrydioides (kahikatea) (25+)
- Prumnopitys taxifolia* (matai) (1) [found 11/87]

DICOTYLEDONS

- Alectryon excelsus (titoki) (3)
- Beilschmiedia tawa (tawa)
- Centipeda orbicularis
- \* Carduus tenuiflorus (winged thistle)
- \* Cerastium glomeratum (mouse-eared chickweed)
- \* Cirsium arvense (Californian thistle)
- \* C. vulgare (Scotch thistle)
- Coprosma repens (taupata)
- Corynocarpus laevigatus (karaka) (2)
- \* Crepis capillaris (hawksbeard)
- \* Digitalis purpurea (foxglove)
- Dysoxylum spectabile (kohekohe)
- Elaeocarpus dentatus (hinau) (2)
- \* Galium aparine (cleavers)
- \* Geranium molle (soft dove's foot)
- \* G. robertianum (herb Robert)
- Hydrocotyle moschata
- H. sp. (*H. novae-zelandiae* agg.)
- \* Hypochaeris radicata (cat's ear)
- Knightia excelsa (rewarewa) (1)
- Laurelia novae-zelandiae (pukatea) (13)
- Leptospermum ericoides (kanuka)
- L. scoparium* (manuka) (1)
- \* Lotus peduncularis (lotus major)
- Lophomyrtus ballata* (mahoe)
- \* Lupinus arboreus (lupin)
- Melicytus ramiflorus (mahoe)
- \* Mentha pulegium (penny royal)
- Metrosideros perforata (white climbing rata)
- Muehlenbeckia australis (pohuehue)
- M. complexa (pohuehue)
- Myoporum laetum (ngaio)
- Myriophyllum propinquum (milfoil)
- Myrsine australis (mapou) (1 juvenile, 1m tall + 2 adults)
- Paratrophis banksii (large-leaved milk tree) (1)
- P. microphylla (small-leaved milk tree) (1)
- Parietaria debilis
- Parsonsia heterophylla (NZ jasmine) (1 seedling, 2 adults)
- \* Phytolacca octandra (ink weed)
- \* Polygonum hydropiper (water pepper)
- \* Rumex conglomeratus (clustered dock)
- \* R. crispus (curled dock)
- \* Sambucus nigra (elderberry)
- \* Senecio bipinnatisectus
- \* Solanum nigrum (black nightshade)
- \* S. pseudo-capsicum (Jerusalem cherry)
- † Griselinia lucida (broadleaf)

MONOCOTYLEDONS (Continued)

- S. sp. (S. aviculare or S. laciniatum) (poroporo)  
\* Stellaria media (chickweed)  
Syzygium (Eugenia) maire (swamp maire) (5)  
Tetragonia trigyna (NZ spinach)  
\* Trifolium dubium (suckling clover)  
\* T. repens (white clover)  
\* Ulex europaeus (gorse)

FERNS

- Asplenium flaccidum ssp flaccidum (hanging spleenwort)  
Hypolepis sp. (H. tenuifolia of NZ authors)  
Phymatosorus diversifolius (hound's tongue)  
Pteris tremula  
Pyrrosia serpens

MONOCOTYLEDONS

- \* Agrostis stolonifera (creeping bent)  
\* A. tenuis (brown top)  
\* Anthoxanthum odoratum (sweet vernal)  
\* Arrhenatherum elatius (tall oat grass)  
Carex virgata  
Cordyline australis (cabbage tree)  
\* Cynosurus cristatus (crested dog's tail)  
\* Dactylis glomerata (cock's foot)  
\* Ehrharta erecta (veldt grass)  
Eleocharis acuta  
\* Holcus lanatus (Yorkshire fog)  
\* Juncus articulatus  
J. australis  
J. gregiflorus  
J. pallidus  
J. sarophorus  
Microlaena stipoides (meadow rice grass)  
Ripogonum scandens (supplejack)  
Scirpus prolifer  
\* Zantedeschia aethiopica (arum lily)