

WANGANUI PLANT LIST 17

List of vascular plants on dunes between mouths of Whangaehu and Turakina Rivers¹

C C Ogle and Wanganui Museum Botanical Group 1.4.90;
 Additions by J Campbell 1999; J Campbell & C Ogle June 2000
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¹ Including Recommended Areas for Protection (RAPs) 37, 38 in Foxton Ecological District (Ravine 1992)

Vegetation Types

- Foredunes: spinifex - marram - (pingao): grassland, with occasional sand convolvulus
- Hind-dunes: marram: grassland, with occasional pampas, sand coprosma, tauhinu, boxthorn.
- Dune Flats: (a) Leptocarpus - (club sedge): reedland, with occasional cabbage tree, toetoe, pampas.
 (b) pasture of exotic grasses and clovers.
 (c) (cabbage tree)/manuka - Leptocarpus: shrub reedland.
 (d) *Schoenus nitens* - halfstar: herbfield, with *Chenopodium glaucum*, hyssop loosestrife, NZ lobelia, sea aster.

Salt Marsh (beside Whangaehu River): Zones variously dominated by the sedges three-square or kapungawha

Nationally threatened and uncommon species (de Lange *et al.* 1999)

Vulnerable: Dwarf mazus (*Mazus novaezeelandiae* subsp. *impolitus*)
 Vulnerable: Dune half star (*Selliera rotundifolia*) [see Heenan 1997]
 Recovering – conservation dependent: Pingao (*Desmoschoenus spiralis*)

Abundance Ratings

a = abundant
 c = common
 o = occasional
 u = uncommon

l = local (species in small area, but can be common or abundant there)
 * = exotic sp.
 CHR = specimen collected for DSIR herbarium, Lincoln

Dicot trees, shrubs and lianes

Calystegia soldanella	(sand convolvulus)	c
Coprosma acerosa	(sand coprosma)	o
Coprosma propinqua		u
Coprosma propinqua x C. robusta		u
Kunzea ericoides	(kanuka)	u?
Leptospermum scoparium	(manuka)	lc

*Lycium ferocissimum		(boxthorn)	o
Muehlenbeckia complexa	(pohuehue)		o
Myoporum laetum	(ngaio)		u (planted?)
Olearia solandri	(shrub daisy)		u
Ozothamnus (Cassinia) leptophylla	(tauhinu)		o
*Rosa rubiginosa	(sweet brier)		u
*Rubus fruticosus agg.	(blackberry)		u
*Salix sp. (S. cinerea?)	(grey willow)		u
*Ulex europaeus	(gorse)		o

Monocot tree

Cordyline australis	(cabbage tree)		o
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Ferns

Blechnum minus (of NZ authors)	(swamp kiokio)		o
Phymatosorus pustulatus	(hound's tongue fern)		u

Herbaceous monocots

1. Grasses

*Agrostis capillaris	(brown top)		o
*Agrostis stolonifera	(creeping bent)		lc
Ammophila arenaria	(marram grass)		a
*Briza maxima	(quaking grass)		u
*Cortaderia selloana	(pampas grass)		o
Cortaderia toetoe	(toetoe)		c
*Cynodon dactylon	(Indian doab)		lc
*Dactylis glomerata	(cocksfoot)		u
*Holcus lanatus	(Yorkshire fog)		o
Lachnagrostis billardierei	(sand bent)		o
*Lagurus ovatus	(hare's tail)		c
Microlaena stipoides	(meadow ricegrass)		l
*Paspalum dilatatum	(paspalum)		o
*Pennisetum clandestinum	(kikuyu grass)		lc
*Poa pratensis	(Kentucky bluegrass)		o
*Polypogon monspeliensis	(beard grass)		u
* Schedonorus phoenix (Festuca arundinacea)	(tall fescue)		o
Spinifex sericeus	(spinifex)		c
*Sporobolus africanus	(rat's tail)		o

2. Sedges

Baumea juncea			u
Carex pumila	(sand carex)		l
Cyperus ustulatus	(mariscus)		u

Desmoschoenus spiralis	(pingao) ³	o
Eleocharis acuta	(sharp spike sedge)	l
Isolepis cernua		l
Isolepis nodosa	(club sedge)	c
Schoenoplectus pungens	(3-square)	la
Schoenoplectus tabernaemontani	kapungawha	lc
Schoenus nitens		c

3. Rushes

Apodasmia (Leptocarpus) similis	(jointed wire rush)	a
*Juncus articulatus	(jointed rush)	lc
*Juncus effusus	(soft rush)	o
Juncus gregiflorus	(wiwi)	u
Juncus maritimus var. australiensis		(sea rush) l
Juncus pallidus	(wiwi)	u

4. Monocots other than grasses, sedges and rushes

Phormium tenax	(NZ flax, harakeke)	u
*Yucca gloriosa (CHR)	(yucca)	u

Herbaceous dicots

*Aster subulata	(sea aster)	lc
Centella uniflora		o
*Cerastium glomeratum	(mouse-eared chickweed)	o
*Chenopodium album agg.	(fathen)	u
Chenopodium glaucum (CHR)		l
*Cirsium arvense	(Californian thistle)	u
*Cirsium vulgare	(Scotch thistle)	u
*Conyza albida	(fleabane)	o
*Cotyledon orbicularis (CHR)		lc
Epilobium billardierianum	(willow-herb)	o
*Foeniculum vulgare	(fennel)	u
*Galium palustre	(marsh bedstraw)	u
*Geranium molle	(dove's foot cranesbill)	u
*Hypochoeris radicata	(cat's ear)	o
*Leontodon taraxacoides	(hawkbit)	c
*Lepidium bonariense	(Argentine cress)	l
Limosella lineata		u
Lobelia anceps	(NZ lobelia)	l
*Lotus pedunculatus	(lotus major)	o
*Lythrum hyssopifolia	(hyssop loosestrife)	u
Mazus novaezeelandiae subsp. impolitus	(dwarf mazus)	l?
*Medicago lupulina	(black medick)	u
*Mentha pulegium	(pennyroyal)	u
*Melilotus indica	(King Island melilot)	u
*Myosotis laxa	(water forget-me-not)	u
*Oenothera stricta	(evening primrose)	o

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* <i>Orobanche minor</i>		(broomrape)	o
<i>Oxalis rubens</i>			o
* <i>Parentucellia viscosa</i>	(tarweed)		u
* <i>Plantago australis</i>	(swamp plantain)		o
* <i>Plantago coronopus</i>	(bucks horn plantain)		l
* <i>Plantago lanceolata</i>	(narrow-leaved plantain)		u
* <i>Plantago major</i>	(broad-leaved plantain)		l
* <i>Polygonum hydropiper</i>	(water pepper)		u
<i>Polygonum salicifolium</i>	(NZ willow-weed)		u
* <i>Portulacca oleracea</i>	(purslane)		o
<i>Potentilla anserinoides</i>			lc
* <i>Prunella vulgaris</i>	(selfheal)		c
<i>Pseudognaphalium</i> sp. (<i>Gnaphalium luteo-album</i> agg.)	(cudweed)		u
* <i>Ranunculus repens</i>	(creeping buttercup)		u
* <i>Rumex crispus</i>	(curled dock)		u
<i>Selliera radicans</i>	(half star)		lc?
<i>Selliera rotundifolia</i>	(dune half star)		lc?
* <i>Senecio elegans</i>			o
* <i>Senecio glastifolius</i>	(pink ragwort)		c
<i>Senecio minimus</i>	(fireweed)		u
* <i>Solanum chenopodioides</i>	(velvety nightshade)		u
* <i>Sonchus oleraceus</i>	(puwaha)		u
* <i>Trifolium fragiferum</i>	(strawberry clover)		c
* <i>Trifolium repens</i>	(white clover)		o
Totals	Indigenous Species	Adventive Species	
	43	59	

REFERENCES

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