

WANGANUI PLANT LIST NO. 130

Plants and vegetation of Waitara River estuary

Recommended Area for Protection W47 in Egmont PNAP survey report (Bayfield & Benson 1986)

List compiled by C C Ogle, 14 January 1994
Department of Conservation
WANGANUI

Abundance Ratings: a = abundant; c = common; o = occasional; u = uncommon; l = local

List of Indigenous Plants

Formal Name	Common Name	Presence & Abundance in RAP	
		True left bank	True right bank
<u>Gymnosperms</u>			
Podocarpus totara (juvenile only)	totara	-	1
<u>Dicot Trees, Shrubs and lianes</u>			
Calystegia sepium [pink flowers]	bindweed	c	
Calystegia soldanella	sand convolvulus	-	u
Coprosma propinqua X C. robusta		-	u
Coprosma repens	taupata	o	
Coprosma robusta	karamu	-	u
Hebe stricta	koromiko	o	o
Leptospermum scoparium	manuka	u	
Macropiper excelsum	kawakawa	-	u
Metrosideros excelsa ¹	pohutukawa	-	o
Pittosporum tenuifolium	kohuhu	-	u
Plagianthus divaricatus	salt-marsh ribbonwood	c	o
<u>Monocot tree</u>			
Cordyline australis	ti kouka, cabbage tree	-	2
<u>Dicot Herbs</u>			
Apium prostratum 'filiforme'	sea celery	lc	
Cotula coronopifolia	batchelor's button	-	u

¹ Originally planted but now spreading unaided.

Formal Name	Common Name ²	Presence & Abundance in RAP	
		True left	True right
Lilaeopsis ?ruthiana	tape-measure plant	u	-
Selliera radicans	half-star	lc	
<u>Monocot Herbs</u>			
Bolboschoenus fluviatilis	purua grass	o	-
Carex lessoniana ?	cutty grass	-	u
Carex litorosa ²		lc	-
Carex pumila	sand carex		l
Carex solandri		-	u
Cortaderia fulvida	toetoe	-	u
Cortaderia toetoe	toetoe	-	2
Cyperus ustulatus	mariscus	u	-
Isolepis cernua		la	-
Isolepis nodosa	club sedge	u	u
Juncus gregiflorus edgarae	wiwi (rush)	o	
Juncus kraussii var. maritimus	sea rush	la	la
Juncus sarophorus	wiwi	c	
Leptocarpus similis	jointed wire-rush	la	la
Microlaena stipoides	meadow rice-grass	-	l
Phormium cookianum	wharariki, mountain flax	-	u
Phormium tenax	harakeke, NZ flax	c	c
Schoenoplectus validus tabernae- montani	kapungawha (lake clubrush)	la	
Triglochin striatum	arrow grass	la	la
Typha orientalis	raupo	u	u
<u>Ferns</u>			
Cyathea medullaris	mamaku	-	u
Paesia scaberula	ring fern	-	u
Pteridium esculentum	bracken	-	u

² About 20 plants present in Jan 1994

List of Adventive Plants

Formal Name	Common Name	Presence & Abundance in RAP	
		True left	True right
<u>Dicot Trees, Shrubs and lianes</u>			
<i>Acer pseudoplatanus</i>	sycamore	-	u
<i>Alnus glutinosa</i>	alder	la	la
<i>Cytisus scoparius</i>	broom	-	u
<i>Juglans ?ailantifolia</i>	?Japanese walnut	-	u
<i>Lupinus arboreus</i>	shrub lupin	-	u
<i>Lycium ferocissimum</i>	boxthorn	2	
<i>Paraserianthes lophantha</i>	brush wattle	-	l
<i>Rumex sagittatus</i>	climbing dock	u	
<i>Salix fragilis</i>	crack willow	-	u
<i>Salix Xreichardtii?</i>	willow	-	u
<i>Salix sp. (unidentified)</i>	willow	-	u
<i>Teline monspessulana</i>	Montpelier broom	-	u
<i>Ulex europaeus</i>	gorse	-	u
<i>Vitis vinifera</i>	grape	1	
<u>Dicot Herbs</u>			
<i>Angelica pachycarpa</i>	angelica	-	u
<i>Aster subulatus</i>	sea aster	u	u
<i>Atriplex prostrata</i>	orache	u	
<i>Foeniculum vulgare</i>	fennel	u	u
<i>Galium aparine</i>	cleavers	u	u
<i>Galium divaricatum</i>	slender bedstraw	-	u
<i>Leontodon taraxacoides</i>	hawkbit	u	u
<i>Lotus pedunculatus</i>	lotus	lc	lc
<i>Lotus sp. (L. suaveolens?)</i>	hairy lotus		u
<i>Myosotis laxa</i>	water forget-me-not	-	u
<i>Plantago coronopus</i>	buck's horn plantain	u	
<i>Ranunculus repens</i>	creeping buttercup	-	u
<i>Rumex crispus</i>	curled dock	-	u
<i>Trifolium pratense</i>	red clover	-	o
<u>Monocot Herbs</u>			
<i>Agrostis stolonifera</i>	creeping bent	a	a
<i>Ammophila arenaria</i>	marram	-	l
<i>Arrhenatherum elatius</i>	tall oat grass	-	l

Formal Name	Common Name ⁴	Presence & Abundance in RAP	
		True left	True right
<i>Briza maxima</i>	quaking grass	-	l
<i>Bromus diandrus</i>	ripgut brome	-	u
<i>Bromus willdenowii</i>	prairie grass	-	u
<i>Canna</i> sp.	canna lily	-	u
<i>Carex divulsa</i>		-	u
<i>Cortaderia selloana</i>	pampas	-	l
<i>Crocsmia x crocosmiiflora</i>	montbretia	l	lc
<i>Cynodon dactylon</i>	Indian doab	-	u
<i>Elytrigia repens</i>	couch	la	
<i>Holcus lanatus</i>	Yorkshire fog	l	o
<i>Kniphofia</i> sp.	red-hot poker	-	u
<i>Paspalum distichum</i>	Mercer grass	o	c
<i>Pennisetum clandestinum</i>	kikuyu grass	c	
<i>Pseudosasa japonica</i>	bamboo	-	l
<i>Schedololium Xholmbergii</i>	tall fescue X perennial ryegrass	-	u
<i>Schedonorus phoenix</i>	tall fescue	a	
<i>Stenotaphrum secundatum</i>	buffalo grass	l	
<i>Zantedeschia aethiopicum</i>	arum lily	l	

Vegetation

Descriptions given in Bayfield and Benson (1986) do not represent the whole area depicted on the map. In Jan 1994, the plant communities on the true left bank were identified qualitatively as follows:

1. kapungawha sedgland
2. Triglochin- Isolepis cernua herbfield
3. Apium prostratum – Selliera herbfield
4. Juncus maritimus rushland
5. Juncus maritimus – Leptocarpus rushland
6. [taupata] – saltmarsh ribbonwood/ Leptocarpus shrubland
7. Bolboschoenus sedgeland

Communities with a native species component on the true right bank were more extensive but also more heavily invaded by exotic species, in both variety and abundance.

Reference

Bayfield M & Benson, M 1986. Egmont Ecological Region. Protected Natural Areas Programme survey report 2. Dept of Lands and Survey, Wellington.