WANGANUI PLANT LIST NO. 52

Plants and Vegetation of Waitara River wetland between SH3 and Mangahinau Stream

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

List of Indigenous Plants

Formal Name	Common Name	Abundance
Carex lessoniana	cutty grass	u
Cortaderia toetoe	toetoe	o
Cotula coronopifolia	batchelor's button	o
Eleocharis acuta	sharp spike sedge	u
Epilobium pallidiflorum	willowherb	u
Glossostigma elatinoides		u
Gnaphalium involucratum	cudweed	o
G. sphaericum	cudweed	u
Hebe stricta	koromiko	u
Juncus gregiflorus	wiwi (rush)	o
J. sarophorus	wiwi	c
Leptospermum scoparium	manuka	u
Polygonum salicifolium	NZ willow-weed	u
Pratia angulata		u
Schoenoplectus validus	kapungawha (lake clubrush)	la
Senecio glomeratus		u
S. minimus		o
Typha orientalis	raupo	lc

TOTAL = 18 species

List of Adventive Plants

Dicot Trees and Shrubs

Alnus glutinosa	alder	la
Cytisus scoparius	broom	lc
Salix cinerea	pussy (grey) willow	u
S. fragilis	crack willow	u
Ulex europaeus	gorse	lc

Dicot Herbs

Achillea millefolium	yarrow	u
Anthemis cotula	stinking mayweed	o
Aster subulatus	sea aster	o
Callitriche stagnalis	starwort	lc
Cirsium arvense	Californian thistle	u
C. vulgare	Scotch thistle	u
Conyza albida (?)	fleabane	o
C. bilbaoana (?)	fleabane	o
Crepis capillaris	hawksbeard	u
Epilobium ciliatum	willowherb	u
Foeniculum vulgare	fennel	u
Galium aparine	cleavers	u
G. palustre	marsh bedstraw	u
Gnaphalium coarctatum	purple cudweed	c
G. sp. (cf G. pensylvanicum)		o
Leontodon taraxacoides	hawkbit	o
Leucanthemum vulgare	oxeye daisy	u
Lotus pedunculatus	lotus	a
Lythrum hyssopifolia	hyssop loosestrife	o
Mentha pulegium	pennyroyal	o
Mimulus guttatus	monkey musk	c
M. moschatus	soft musk	o
Myosotis laxa	water forget-me-not	o
Phytolacca octandra	inkweed	o
Plantago australis	swamp plantain	o
P. lanceolata	narrow-leaved plantain	o
P. major	broad-leaved plantain	o
Polygonum hydropiper	water pepper	u
Prunella vulgaris	selfheal	o
Ranunculus repens	creeping buttercup	c
Rorippa nasturtium-aquaticum	two-row watercress	lc
Rumex crispus	curled dock	o
Senecio jacobaea	ragwort	u
Sonchus asper	prickly sowthistle	u
S. oleraceus	puwha, sowthistle	u
Stellaria alsine	bog stichwort	u
S. graminea	stichwort	o
Trifolium repens	white clover	u
Verbena bonariense	purple-top	o

Monocot Herbs

Agrostis stolonifera	creeping bent	c
Alopecurus geniculata	kneed foxtail	u
Anthoxanthum odoratum	sweet vernal	u
Cortaderia selloana	pampas	u
?Crocosmia x crocosmiiflora	? montbretia	lc
Cyperus eragrostis		u

Festuca arundinacea	tall fescue	a
Glyceria declinata	floating sweetgrass	u
Holcus lanatus	Yorkshire fog	c
Isolepis sepulchralis		o
Juncus articulatus	jointed-leaved rush	a
J. effusus	wiwi	c
J. microcephalus (?)		u
J. tenuis		c
Lolium multiflorum	Italian ryegrass	u
L. perenne	perennial ryegrass	o
Paspalum distichum	Mercer grass	lc
Poa annua	annual poa	u
Tradescantia fluminensis	wandering Jew	u

TOTAL = 63 species

Some Wetland Plant Communities

1. Kapungawha - raupo: sedgeland
2. Kapungawha / lotus: sedgeland
3. *Juncus articulatus* - Mercer grass - (*Juncus tenuis*) - [batchelor's button]: rushland
4. *Glossostigma* - starwort: herbfield
5. Tall fescue / Yorkshire fog - (*Juncus sarophorus*) - (*J. effusus*) / lotus - (*Juncus articulatus*) - (creeping bent): grassland
6. As for #5, but with varying densities of alder to 3m tall: shrubland and scrub.

KEY

Underlined = >50% cover of named species
No underline or brackets = 20-50% cover of named species
( ) = 10-19% cover of named species
[ ] = <10% cover of named species
/   separates species in different vegetation layers (eg "fescue / fog" means ">50% cover of fescue, with an understorey of more sparse (20-50% cover) fog")