

Wanganui Plant List 4
Vascular Plants of Castlecliff Beach Reserve, Whanganui.

Based on surveys by Wanganui Museum Botanical Group on 2 May 1981, 29 May 1993, 9 October 1993, & by CO 31 October 1997; CO, Jo Priestley, Robyn Ogle, Jocelyn and Ian Bell in October 1998; Jo Priestley 9 Aug. 1999; Wanganui Botanical Group 31 Oct 1999; Graeme La Cock & Simon O'Connor 16 March 2000; CO, GLC, & Keith Beautrais 21 July 2000; CO & Jim Campbell with Wgtn Bot Soc 15 April 2001 & with Wanganui Bot. Group 1 Dec 2001 and many visits 2002-21.

Last updated 10Feb 2021

Colin Ogle

Ex-Department of Conservation

Whanganui

* adventive species (including native species naturalised from planted specimens)

** significant adventive species not recorded in 1994 or earlier but present Oct. 1997.

p = planted or possibly planted

List excludes species present as planted specimens which are not naturalising, eg: pohutukawa, Tasmanian ngaio, Norfolk pine, *Cupressus macrocarpa*, She-oak (*Casuarina cunninghamiana*), *Leptospermum laevigatum*. Numerous "garden escapes" in WD (dunes west of the urban area) probably started as plantings by some person with a passion for South African plants, in particular (when?). Some have barely naturalised (e.g., *Gladiolus carneus*) but others have spread widely (e.g., *Gazania rigens*, *Lampranthus glaucus*, *Freesia refracta*)

1 One patch extending becoming extensive, by layering from 2 planted bushes

Habitats: For the dune area in front of urban area (Castlecliff Recreation Reserve etc.) FD = foredune; RD = reardune; WW = WW2 pillbox waste area; WS = western swamp; ES = eastern swamp (Bamber St)

For the dunes and cliffs west of urban area i.e. from west of walkway down from Longbeach Drive, WD = western dunes; CF = cliff-face; CR = cliff rubble (talus); SW = swamp & stream between base of cliffs and hind dune

* adventive species (including native species naturalised from planted specimens)	Dune area in front of urban area (Castlecliff Recreation Reserve etc.)					Dunes/cliffs west of urban area, from west of walkway down from Longbeach Drive			
** significant adventive species not recorded in 1994 or earlier but present Oct. 1997.	FD	RD	WW	WS	ES	WD	CF	CR	SW
p planted or possibly planted									
List excludes species present as planted specimens which are not naturalising, eg: pohutukawa, Tasmanian ngaio, Norfolk pine, <i>Cupressus macrocarpa</i> , She-oak (<i>Casuarina cunninghamiana</i>), <i>Leptospermum laevigatum</i> . Numerous "garden escapes" in WD (dunes west of the urban area) probably started as plantings by some person with a passion for South African plants, in particular (when?). Some have barely naturalised (e.g., <i>Gladiolus carneus</i>) but others have spread widely (e.g., <i>Gazania rigens</i> , <i>Lampranthus glaucus</i> , <i>Freesia refracta</i>).		x							
1 One patch extending becoming extensive, by layering from 2 planted bushes		x		x		x			

Habitats: For the dune area in front of urban area (Castlecliff Recreation Reserve etc.) FD = foredune; RD = reardune; WW = WW2 pillbox waste area; WS = western swamp; ES = eastern swamp (Bamber St)		x							
For the dunes and cliffs west of urban area i.e. from west of walkway down from Longbeach Drive, WD = western dunes; CF = cliff-face; CR = cliff rubble (talus); SW = swamp & stream between base of cliffs and hind dune		x							
* <i>Artemisia arborescens</i> (hedge artemisia)		x		x					
* <i>Artemisia verlotiorum</i> (mugwort)				x					
** <i>Atriplex halimus</i> (salt-bush)		x							
<i>Calystegia sepium</i> subsp. <i>roseata</i> (pink bindweed)				x					
* <i>Calystegia silvatica</i> (white bindweed)						x			
<i>Calystegia soldanella</i> (sand convolvulus)	x	x				x			
* <i>Casuarina cunninghamiana</i> (she-oak)		p							
* <i>Chamaecytisus palmensis</i> (tree lucerne)		p	p						
* <i>Clematis vitalba</i> (old man's beard)			x						
* <i>Coleonema pulchellum</i> (breath of heaven)			x						
<i>Coprosma acerosa</i> (sand coprosma)	x	x				x			
<i>Coprosma repens</i> (taupata)		x	x	x	x	x	x		
<i>Coprosma acerosa</i> x <i>C. repens</i> [= <i>C. kirkii</i>]						x		x	
<i>Cordyline australis</i> (cabbage tree, ti kouka)		x	p	x	x		x		
* <i>Corokia</i> X <i>cheesmanii</i>				p					
* <i>Cotoneaster coriaceus</i> (<i>C. lacteus</i>)						x			
* <i>Correa alba</i>		x							
* <i>Cupressus macrocarpa</i>		p							
* <i>Cytisus scoparius</i> (broom)					x	x			
* <i>Delairea odorata</i> (<i>Senecio mikanioides</i>) (German ivy)		x	x	x	x	x	x		
* <i>Dimorphotheca</i> (<i>Osteospermum</i>) <i>fruticosa</i> (<i>dimorphotheca</i>)						x			
* <i>Dimorphotheca</i> (<i>Osteospermum</i>) <i>jucunda</i>		x							
* <i>Euonymus japonicus</i> (Japanese spindleberry)		x		x	x				
* <i>Hedera helix</i> (ivy)					x				
* <i>Hydrangea macrophylla</i> (hydrangea)				x					
* <i>Ipomoea indica</i> (morning glory)			x		x				
<i>Leptospermum scoparium</i> (manuka)				x	x	x			
* <i>Lonicera japonica</i> (Japanese honeysuckle)		x		x					
* <i>Lupinus arboreus</i> (shrub lupin)	x	x	x			x			
* <i>Lycium ferocissimum</i> (boxthorn)		x	x		x	x	x		x
* <i>Malus</i> X <i>domestica</i> (apple)						x			
* <i>Malva arborea</i> (tree mallow)		x	x			x			
<i>Muehlenbeckia australis</i> X <i>M. complexa</i>									x
<i>Muehlenbeckia complexa</i> (small-leaved pohuehue)		x		x	x	x		x	x
* <i>Myoporum</i> aff. <i>insulare</i> (Tasmanian ngaio, boobialla)		p							
<i>Myoporum laetum</i> (ngaio)		x							
<i>Olearia solandri</i>		x					x		

Monocot herbs other than grasses, sedges, rushes									
* Allium porrum		x							
* Allium triquetrum (wild garlic)		x			x			x	
* Alstroemeria pulchella				x					
* Alstroemeria sp. (A. ligtu?) (garden alstroemeria)				x	x				
* Amaryllis belladonna (belladonna lily)						x			
* Arum italicum (Italian arum)					x				
* Agapanthus praecox (agapanthus)		x	x			x			
* Asparagus asparagoides (smilax)		x	x		x				
* Babiana secunda? (baboon flower)						x			
* Babiana stricta (baboon flower)						x			
* Beschorneria yuccoides ⁵		x							
* Canna sp. (C. indica?) (canna lily)				x	x				
* Chasmanthe bicolor (check ID)		x							
* Chasmanthe floribunda (cobra lily) ⁵					x				
Corybas sp. (C. rivularis agg.) (spider orchid)							x		
* Crocosmia x crocosmiiflora (montbretia)		x	x		x			x	x
* Dierama pendulum (fairy bells)						x			
* Freesia refracta (freesia)		x	x			x	x		
* Gladiolus carneus (gladiolus)						x			
* Gladiolus dalenii (winter gladiolus)		x ⁴							
* Gladiolus x hortulanus (scarlet fls in Nov)		x							
* Hedychium sp. (wild ginger)					x				
* Hyacinthoides (Scilla) non-scripta (blue-bell)		x			x				
* Ipeion uniflorum (star lily) ⁵		x							
* Iris foetidissima (stinking iris)									
* Ixia maculata (ixia)		x			x	x			
* Kniphofia sp. (redhot poker)		x			x				
* Lachenalia bulbifera [plain leaves; red petals with green tips]		x							
* Landoltia punctata (purple-backed duckweed)				x					
Lemna disperma (duckweed)				x	x				x
* Leucojeum aestivum (snowflake)		x ⁵			x				
Microtis unifolia (onion-leaved orchid)						x			
* Narcissus tazetta cv 'Soleil d'Or' (jonquil)						x	x		
* Narcissus sp. (unidentified)						x			
Phormium cookianum (wharariki, mountain flax)			p?				?		
Phormium tenax (harakeke, NZ flax)		p?	x	x	x		x	x	x
* Scilla peruviana (Cuban lily)		x				x			
* Sparaxis bulbifera [CHR 649310]						x			
* Sparaxis tricolor (sparaxis)		x							
* Tradescantia fluminensis (wandering Jew)		x	x		x				
Triglochin striatum (arrow grass)							x	x	
* Tritonia crocata						x			
* Tritonia lineata		x				x			
Typha orientalis (raupo)			x	x	x		x	x	x

* <i>Watsonia aletroides</i> [pale pink flowers, narrow tube & short petal lobes; Sept-Nov]		x ⁵				x			
* <i>Watsonia fourcadei</i> [scarlet flowers, petal lobes almost = tube length; May-Nov]		x (1)				x			
* <i>Watsonia meriana</i> [white to deep pink flowers, petal lobes= tube length; Oct-Nov]						x			
<i>Wolffia australiana</i> (water meal)				x					
* <i>Yucca gloriosa</i>		x	x	x					
* <i>Zantedeschia aethiopica</i> (arum lily)		x	x	x	x				
* <i>Zantedeschia aethiopica</i> 'Green Goddess'		x	x	x					
Dicot herbs									
<i>Acaena anserinifolia</i> (bidibidi)									x
* <i>Acaena novae-zelandiae</i> (bidibidi)								x	
* <i>Acanthus mollis</i> (bear's breeches)		x		x					
* <i>Aeonium haworthii</i>		x							
* <i>Aeonium haworthii</i> cv 'Major'						x			
* <i>Anagallis arvensis</i> (scarlet pimpernel)		x				x			x
* <i>Angelica pachycarpa</i> (false angelica)							x		
<i>Apium prostratum</i> subsp. australe (sea celery)					x				x
* <i>Arctotheca calendulacea</i> (Cape daisy)		x	x						
* <i>Arctotis stoechadifolia</i> (arctotis)						x			
* <i>Aster subulatus</i> (sea aster)					x	x			x
* <i>Atriplex prostrata</i> (orache)		x							
* <i>Bellis perennis</i> (lawn daisy)				x					
* <i>Brassica</i> sp. (wild turnip)		x	x						
* <i>Calendula officinalis</i> (marigold)		x							
* <i>Callitriche stagnalis</i> (starwort)				x					x
* <i>Carpobrotus chilensis</i> (iceplant)		x							
* <i>Carpobrotus edulis</i> (iceplant)		x	x		x				
* <i>Centaureum erythraea</i> (centaury)							x		
* <i>Cerastium glomeratum</i>		x							
<i>Centipeda aotearoana</i>									x
* <i>Chenopodium album</i> agg. (fathen)						x			x
* <i>Cirsium arvense</i> (Californian thistle)								x	x
* <i>Cirsium vulgare</i> (Scotch thistle)					x			x	
* <i>Conium maculatum</i> (hemlock)									x
* <i>Conyza sumatrensis</i> (fleabane)		x	x	x	x	x		x	
<i>Cotula australis</i>									x
<i>Cotula coronopifolia</i> (batchelor's button)							x		x
* <i>Cotyledon orbiculata</i>		x	x		x				
<i>Crassula sieberiana</i>		x?				x			
* <i>Crepis capillaris</i> (hawkbit)		x			x				x
* <i>Datura stramonium</i> (thorn apple)						x			
<i>Disphyma australe</i> (NZ iceplant)							x		
* <i>Dysphania</i> (<i>Chenopodium</i>) <i>pumilio</i> (clammy goosefoot)									x
* <i>Echium plantagineum</i> (Paterson's curse)		x							
<i>Epilobium billardierianum</i> (willowherb)									x
* <i>Epilobium ciliatum</i> (willowherb)									x
<i>Epilobium komarovianum</i> (willowherb)							x		

Epilobium nerteroides (willowherb)						x		?
* Epilobium parviflorum (willowherb)				x			x	
* Euphorbia lathyris (caper spurge)							x	
* Euphorbia maculata (spotted spurge)								
* Euphorbia peplus (milkweed)	x	x		x				
* Ficaria verna ssp. ficariiformis (lesser celandine)	x			x				
* Foeniculum vulgare (fennel)	x	x		x	x	x		
* Fumaria capreolata (white fumitory)								
* Fumaria muralis (fumitory)	x	x		x	x			
* Galium aparine (cleavers)	x			x	x		x	x
* Gazania linearis (gazania)					x			
* Gazania rigens (gazania)	x				x			
* Geranium molle (soft dove's foot)	x							
Gunnera arenaria (sand gunnera)						x		
* Helianthus tuberosus (Jerusalem artichoke)			x					
* Helminthotheca (Picris) echioides (ox-tongue)				x	x	x	x	
Hydrocotyle heteromeria (waxweed)			x	x				
* Hypochoeris radicata (cat's ear)	x	x	x			x		
* Jacobaea vulgaris (Senecio jacobaea) (ragwort)				x				
* ? Kalanchoe sp.	x							
* Lactuca virosa (wild lettuce)	x						x	
Lagenophora pumila						x		
* Lamium galeobdolon (aluminium plant)			x					
* Lamium purpureum (red deadnettle)	x							
* Lampranthus glaucus (a shrubby ice plant)					x			
* Lathyrus latifolius (everlasting pea)	x	x						
* Leontodon saxatilis (hawkbit)	x				x	x	x	
* Lepidium (Coronopus) didymus (twin cress)	x	x						
Leptinella dispersa ssp. rupestris (button daisy)						x		
Limosella lineata								x
Lobelia anceps				x		x	x	x
* Lobularia maritima (alyssum)	x	x	x	x	x	x	x	
* Lotus pedunculatus (lotus major)	x			x	x			
* Muraethemum (Leucanthemum) paludosum		x ⁵						
* Medicago arabica (spotted burr medick)	x	x		x				
* Medicago lupulina (black medick)				x	x	x		x
* Medicago nigra (bur medick)	x	x			x			
* Melilotus indica (King Island melilot)	x	x			x			
* Mentha x piperita (eau de Cologne mint)			x					
* Mimulus guttatus (monkey musk)	x		x	x				
* Modiola caroliniana (creeping mallow)	x							
* Moenchia erecta (erect chickweed)	x							
* Myosotis laxa (water forget-me-not)				x				
* Myosotis sylvatica (garden forget-me-not)			x	x				
* Opuntia monacantha (prickly pear)	x			x				
* Orobanche minor (broomrape)	x	x	x			x	x	
* Oxalis articulata (sourgrass)		x		x	x			
* Oxalis incarnata (lilac oxalis)		x		x	x			

* Oxalis pes-caprae (Bermuda buttercup)		X			X	X	X		
Oxalis rubens	X	X				X			
* Persicaria (Polygonum) hydropiper (water pepper)				X					
Persicaria salicifolium (NZ willow-weed)					X				X
* Phytolacca octandra (inkweed)		X			X	X		X	
* Plantago coronopus (buck's horn plantain)							X	X	
* Plantago lanceolata (narrow-leaved plantain)			X						X
* Plantago major (broad-leaved plantain)									
* Polycarpon tetraphyllum (all-seed)						X			
* Polygonum aviculare (wireweed)					X				
Pseudognaphalium sp. (P. luteoalbum agg.; juvenile with broad spatulate leaves; adult stems decumbent - on cliffs)							X		
P. sp. (P. luteoalbum agg.; erect with narrow-oblong leaves - in dune hollows)						X			
Ranunculus acaulis (sand buttercup)							X		X
* Ranunculus repens (creeping buttercup)		X		X	X				X
* Ranunculus sceleratus (celery-leaved buttercup)				X					X
* Raphanus raphanistrum (wild radish)		X							
* Rorippa microphylla (one-rowed watercress)				X	?				X
* Rorippa nasturtium-aquaticum (two-row watercress)				X					X
* Rumex crispus (curled dock)		X		X	X			X	X
* Rumex obtusifolius (broad-leaved dock)								X	
* Sagina apetala (pearlwort)						X			
* Sagina procumbens (procumbent pearlwort)		X	X	X	X	X			X
Samolus repens (sea primrose)							X	X	
Salicornia quinqueflora (glass wort)							X		
* Sedum praealtum					X	X			
* Sedum spectabile			X						
Selliera (Goodenia) radicans (half-star)							X	X	X
* Senecio elegans		X	X	X		X	X	X	
* Senecio glastifolius (pink ragwort[3])		X			X	X	X	X	X
Senecio minimus (fireweed)					X				
* Senecio skirrhodon (gravel groundsel)		X							
* Silene gallica (catchfly)		X			X	X			
* Silybum marianum (variegated thistle)		X		X		X	X		
* Sisymbrium officinale (hedge mustard)			X						
* Solanum chenopodioides (velvety nightshade)		X		X	X	X		X	
* Solanum nigrum (black nightshade)					X	X		X	
* Solanum tuberosum (potato)		X			X				
Sonchus kirkii							X	X	
* Sonchus oleraceus (puwaha)		X	X		X		X	X	
* Stellaria media (chickweed)		X			X				X
* Trifolium arvense (haresfoot trefoil)						X			
* Trifolium glomeratum (clustered clover)						X			
* Trifolium repens (white clover)		X	X	X					X
* Trifolium subterraneum (subterranean clover)		X							
* Tropaeolum majus (nasturtium)		X							

* <i>Vicia disperma</i> (small French tare)		X				X			X
* <i>Vicia hirsuta</i> (hairy vetch)		X							
* <i>Vicia sativa</i> (vetch)		X	X		X	X			
* <i>Viola odorata</i> (violet) [pink flowers]						X			
Ferns									
<i>Adiantum cunninghamii</i> (maidenhair fern)							X		X
<i>Asplenium flaccidum</i> (hanging spleenwort)					X				
<i>Asplenium oblongifolium</i>									X
<i>Asplenium polyodon</i>						X			X
<i>Azolla filiculoides</i> ssp. <i>rubra</i>				X					X
<i>Blechnum discolor</i> (crown fern)				X					
<i>Blechnum minus</i> [of NZ authors] (swamp kiokio)				X					X?
<i>Blechnum novae-zelandiae</i> (kiokio)							X	X	
<i>Blechnum triangularifolium</i> (cliff kiokio)							X	X	
<i>Blechnum novae-zelandiae</i> X <i>B. triangularifolium</i>								X	
<i>Cyathea dealbata</i> (ponga)								X	X
<i>Cyathea medullaris</i> (mamaku)								X	X
<i>Dicksonia squarrosa</i> (wheki)				X				X	X
<i>Diplazium australe</i>								X	
<i>Histiopteris incisa</i> (water fern)				X					
<i>Hypolepis ambigua</i>								X	
<i>Microsorium pustulatum</i> (hound's tongue)				X	X				
<i>Paesia scaberula</i> (ringfern)								X	
<i>Polystichum</i> (prob. <i>P. neozelandicum</i>) (hard shield fern)						X			
<i>Pteridium esculentum</i> (bracken)		X		X	X	X		X	
<i>Pteris macilenta</i>				X			X	X	
<i>Pteris tremula</i>					X	X		X	
<i>Pyrrosia eleagnifolia</i> (leatherleaf fern)					X				
<i>Rumohra adiantiformis</i> [CHR]							X		

[1] One patch of 20 flowering + 20 non-flowering plants, 15.4.01; another patch of 14 flowering + 30 non-flowering plants found 1.12.01.

[2] Castlecliff is the type locality (Lloyd 1972)

[3] Seen at 'ES' in 1994 or earlier; not seen in dunes (RD) until 1997.

4. First found (and flowering) 11 June 2020, near corner Seafront Road and Bamber St

5. New records Morgan St to Bamber St dunes, 4Sep2020