

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

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.  
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\* 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.

[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.





## Rushes

Apodasmia (Leptocarpus) similis (oi, jointed rush)							X	X
* Juncus articulatus (jointed-leaved rush)	X			X		X		X
* Juncus bufonius (toad rush)				X			X	X
J. caespiticius						X	X	X
J. <del>gregiflorus</del> edgarae					X		X	X
J. pallidus				X				X
* J. tenuis								X

## Monocot herbs other than grasses, sedges, rushes

* Amaryllis belladonna (belladonna lily)							X	
* Arum italicum (Italian arum)					X			
* Agapanthus orientalis (agapanthus)	X	X				X		
* Asparagus asparagoides (smilax)	X	X			X			
* Allium triquetrum (wild garlic)	X				X			X
* Babiana secunda? (baboon flower)						X		
* B. stricta (baboon flower)						X		
* Canna sp. (canna lily)					X			
Corybas (=Nematoceras) sp. (C. rivularis agg.) (spider orchid)								X
* Crocosmia x crocosmiiflora (montbretia)	X	X			X			X
* Freesia refracta (freesia)		X				X	X	
* Gladiolus carneus (gladiolus)						X		
* Hedychium sp. (wild ginger)					X			
* Iris foetidissima (stinking iris)								
* Ixia maculata (ixia)					X	X		
* Kniphofia sp. (redhot poker)					X			
* Lachenalia bulbifera [plain leaves; red petals with green tips]					X			
Lemna sp. [L.. minor auct. NZ] (duckweed)					X	X		X
* Leucojeum aestivum (snowflake)					X			
Microtis unifolia (onion-leaved orchid)						X		
* Narcissus tazetta cv 'Soleil d'Or' (jonquil)						X	X	
* N. sp. (unidentified)						X		
Phormium cookianum (wharariki, mountain flax)			p?				?	
P. tenax (harakeke, NZ flax)		p?	X	X	X		X	X
* Scilla non-scripta (blue-bell)					X			
* S. peruviana (Cuban lily)	X					X		
* Tradescantia fluminensis (wandering Jew)	X	X			X			
* Tritonia crocata						X		
* T. lineata						X		
Typha orientalis (raupo)			X	X	X		X	X
* Watsonia meriana [white to deep pink flowers, petal lobes= tube length; Oct-Nov]								
* W. aletroides [pale pink flowers, narrow tube & short petal lobes; Oct-Nov]								
* W. fourcadei [scarlet flowers, petal lobes almost = tube length; May-Nov]								
* Yucca gloriosa	X	X	X					
* Zantedeschia aethiopica (arum lily)	X	X			X			

## Dicot herbs

Acaena anserinifolia (bidibidi)								X
* A. novae-zelandiae (bidibidi)							X	
* Acanthus mollis (bear's breeches)	X			X				
* Aeonium haworthii	X							
* A. sp.						X		
* Anagallis arvensis (scarlet pimpernel)	X					X		X
* Angelica pachycarpa (false angelica)							X	

Apium prostratum subsp. australe (sea celery)					X				X
* Arctotheca calendulacea (Cape daisy)	X	X							
* Arctotis stoechadifolia (arctotis)							X		
* Aster subulatus (sea aster)					X	X			X
* Atriplex prostrata (orache)	X								
* Brassica sp. (wild turnip)	X	X							
* Calendula officinalis (marigold)	X								
* Callitriche stagnalis (starwort)				X					X
* Carpobrotus aequilaterus (iceplant)	X								
* C. edulis (iceplant)	X	X		X					
* Centaurium erythraea (centaury)							X		
Centipeda aotearoana									X
* Chenopodium album agg. (fathen)							X		X
* C. pumilio (clammy goosefoot)									X
* Cirsium arvense (Californian thistle)								X	X
* C. vulgare (Scotch thistle)					X			X	
* Conium maculatum (hemlock)									X
* Conyza albida (fleabane)	X	X	X	X	X	X		X	
* Coronopus didymus (twin cress)	X	X							
Cotula australis									X
C. coronopifolia (batchelor's button)							X		X
* Cotyledon orbiculata	X	X		X					
Crassula sieberiana							X		
* Crepis capillaris (hawkbit)	X			X					X
* Datura stramonium (thorn apple)							X		
Disphyma australe (NZ iceplant)							X		
* Echium plantagineum (Paterson's curse)	X								
Epilobium billardierianum (willowherb)									X
* E. ciliatum (willowherb)									X
E. komarovianum (willowherb)							X		
E. nerteroides (willowherb)							X		?
* E. parviflorum (willowherb)					X			X	
* Euphorbia peplus (milkweed)	X	X		X					
* Foeniculum vulgare (fennel)	X	X		X	X				
* Fumaria muralis (fumitory)	X	X		X	X				
* Galeobdolon luteum (aluminium plant)				X					
* Galium aparine (cleavers)	X			X	X		X	X	
* Gazania linearis (gazania)							X		
* G. rigens (gazania)	X						X		
* Geranium molle (soft dove's foot)	X								
* Helianthus tuberosus (Jerusalem artichoke)				X					
Hydrocotyle heteromeria (waxweed)				X	X				
* Hypochoeris radicata (cat's ear)	X	X	X				X		
* ? Kalanchoe sp.		X							
* Lactuca sp. (wild lettuce)	X							X	
Lagenifera pumila							X		
* Lamium purpureum (red deadnettle)	X								
* Lampranthus glaucus (a shrubby ice plant)							X		
* Lathyrus latifolius (everlasting pea)	X	X							
* Leontodon taraxacoides (hawkbit)	X						X	X	X
<a href="#">Leptinella dispersa ssp. rupestris[2]</a>							X		
Limosella lineata									X
Lobelia anceps					X		X	X	X
* Lobularia maritimum (alyssum)		X	X		X	X	X	X	
* Lotus pedunculatus (lotus major)	X				X	X			



* <i>S. oleraceus</i> (puwaha)	x	x		x		x	x	
* <i>Stellaria media</i> (chickweed)	x			x				x
* <i>Trifolium arvense</i> (haresfoot trefoil)						x		
* <i>T. glomeratum</i> (clustered clover)						x		
* <i>T. repens</i> (white clover)	x	x	x					x
* <i>Vicia disperma</i> (small French tare)						x		
* <i>V. hirsuta</i> (hairy vetch)	x							
* <i>V. 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>A. oblongifolium</i>								x
<i>A. polyodon</i>						x		x
<i>Azolla filiculoides</i>								x
<i>Blechnum discolor</i> (crown fern)			x					
<i>B. minus</i> [of NZ authors] (swamp kiokio)			x					x?
<i>B. novae-zelandiae</i> (kiokio)							x	x
<i>B. triangularifolium</i> (cliff kiokio)							x	x
<i>B. novae-zelandiae</i> X <i>B. triangularifolium</i>								x
<i>Cyathea dealbata</i> (ponga)								x
<i>C. medullaris</i> (mamaku)								x
<i>Dicksonia squarrosa</i> (wheki)			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 richardii</i> (hard shield fern)						x		
<i>Pteridium esculentum</i> (bracken)	x		x	x	x			x
<i>Pteris pendula</i> [ <i>P. macilenta</i> auct NZ]			x				x	x
<i>P. tremula</i>				x	x			x
<i>Pyrrosia eleagnifolia</i> (leatherleaf fern)				x				
<i>Rumohra adiantiformis</i> [CHR]							x	