

# Vascular Plants of Virginia Lake Reserve, St John's Hill, Wanganui

## Wanganui Plant List No. 99

(incorporating Wanganui Plant List No. 78: wetland plants of Virginia Lake)

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*Last updated 19 Dec 2000*

For exotic species, \* denotes planted specimens and \*\* denotes species that are self-establishing, including weeds and species spreading from planted specimens.

For NZ indigenous species, "a" denotes species presumed to be natural to the reserve; "b" denotes planted specimens, and "c" denotes planted specimens that are now self-establishing.

CHR, NZFRI, AK: specimens from Virginia Lake in herbaria at Landcare Research, Lincoln (CHR); Rotorua (NZFRI); Auckland Museum (AK)

## Trees and shrubs

### 1. Gymnosperms

* Abies nordmanniana	Caucasian fir
b Agathis australis	kauri
* Araucaria araucana	monkey puzzle
* Araucaria heterophylla	Norfolk pine
* Callitris gracilis ssp. gracilis (NZFRI	
* Callitris rhomboidea (NZFRI	Port Jackson pine, cypress pine
* Cedrus atlantica 'glauca'	Atlantic cedar
* Cedrus sp. (?C. deodara/libanii)	cedar
* Chamaecyparis funebris (NZFRI 22551)	
* Chamaecyparis lawsoniana (NZFRI 22550)	Lawson's cypress
* Cryptomeria japonica	Japanese cedar
* Cunninghamia lanceolata	Chinese fir
* Cupressus lusitanica (NZFRI)	
* Cupressus macrocarpa	macrocarpa
* Cupressus sempervirens (NZFRI 22546, 23208)	Italian cypress
b Dacrycarpus dacrydioides	kahikatea
b Dacrydium cupressinum	rimu
* Decussocarpus falcatus (= Afrocarpus falcata) (NZFRI 8391, 22437, 23301)	(has bark like matai)
* Ginkgo biloba	gingko, maidenhair tree
* Juniperus chinensis (NZFRI	Chinese juniper
* Juniperus communis ' '	juniper
* Juniperus recurva (NZFRI	
* Juniperus squamata 'Meyeri'	flaky juniper
* Metasequoia glyptostroboides (NZFRI 22467)	dawn redwood
* Picea abies [ID conf. by FRI in 1997 but specimen not kept]	

*	<i>Picea omorika</i> (NZFRI 8458)	
*	<i>Picea smithiana</i>	
*	<i>Pinus nigra</i> ssp. <i>nigra</i> (NZFRI 22436)	Corsican pine
*	<i>Pinus patula</i>	Mexican weeping pine
*	<i>Pinus pinaster</i> (NZFRI 22435)	maritime pine
*	<i>Pinus radiata</i>	radiata pine
*	<i>Pinus wallichiana</i> (NZFRI 22434)	Bhutan pine
*	<i>Podocarpus elatus</i> (NZFRI 8390)	
*	<i>Podocarpus henkelii</i> (leaves >10 cm) (NZFRI 23237)	
*	<i>Podocarpus macrophyllus</i> (?) (NZFRI 22438)	
c	<i>Podocarpus totara</i>	totara
b	<i>Prumnopitys ferruginea</i>	miro
b	<i>Prumnopitys taxifolia</i>	matai
*	<i>Pseudotsuga menziesii</i>	Douglas fir
*	<i>Sequoia sempervirens</i>	(Californian) redwood
*	<i>Sequoiadendron giganteum</i>	wellingtonia, "big tree"
*	<i>Taxodium distichum</i>	swamp cypress
*	<i>Taxus baccata</i>	yew
*	<i>Thujopsis dolabrata</i>	hiba

## 2. Monocot trees and shrubs

*	<i>Archontophoenix cunninghamiana</i>	bangalow/picabeen palm
*	<i>Butia capitata</i>	butia palm, jelly palm
c	<i>Cordyline australis</i>	cabbage tree, ti kouka
*	<i>Cordyline ?rubra</i>	
*	<i>Cordyline stricta</i> [ <i>Australian</i> ]	
*	<i>Livistona australis</i>	cabbage or fan palm
**	<i>Phoenix canariensis</i>	phoenix palm
b	<i>Rhopalostylis sapida</i>	nikau palm
*	<i>Ruscus aculeatus</i>	butcher's broom
*	<i>Trachycarpus fortunei</i>	Chinese windmill palm
*	<i>Washingtonia robusta</i>	skyduster

## 3. Dicot trees and shrubs

*	<i>Abelia x grandiflora</i>	abelia
**	<i>Acacia baileyana</i>	golden wattle, Cootamundra wattle
**	<i>Acacia dealbata</i>	silver wattle
*	<i>Acacia decurrens</i> (NZFRI 22439; 22635)	green wattle
*	<i>Acacia floribunda</i> (NZFRI 22636)	white sally, sally wattle
*	<i>Acacia elata</i> (NZFRI 22532)	
*	<i>Acacia longifolia</i>	Sydney golden wattle
*	<i>Acacia maidenii</i> (NZFRI	Maiden's wattle
*	<i>Acacia melanoxylon</i>	Tasmanian blackwood
*	<i>Acacia schinoides</i> (NZFRI 23252)	
*	<i>Acer palmatum</i>	maple
*	<i>Acer pseudoplatanus</i>	sycamore
*	<i>Acmena smithii</i>	monkey apple

*	<i>Aesculus hippocastanum</i>	horse chestnut
*	<i>Agonis juniperina</i>	juniper myrtle
c	<i>Alectryon excelsus</i>	titoki
*	<i>Allocasuarina torulosa</i> (NZFRI 22433)	forest oak; rose she-oak
*	<i>Allocasuarina verticillata</i> (NZFRI 22432, 22469)	drooping sheoak
*	<i>Alloxylon pinnatum</i> (syn. <i>Oreocallis pinnata</i> ) (NZFRI ; AK )	Dorrigo waratah
**	<i>Alnus glutinosa</i>	alder
*	<i>Angophora costata</i> (NZFRI 23222)	smooth-barked apple
*	<i>Arbutus unedo</i>	strawberry tree
*	<i>Atriplex halimus</i>	salt bush
*	<i>Aucuba japonica</i> (NZFRI 22547)	
*	<i>Banksia integrifolia</i>	coastal banksia
*	<i>Banksia ericifolia</i>	
*	<i>Banksia grandis</i> (NZFRI	bull banksia
*	<i>Betula pendula</i>	silver birch
*	<i>Brachychiton acerifolia</i>	kurrajong, Illawarra flame tree
c	<i>Brachyglottis repanda</i>	rangiora
b	<i>Brachyglottis greyi</i> x <i>B. monroi</i>	
b	<i>Brachyglottis greyi</i> x <i>B. repanda</i>	
*	<i>Buddleja davidii</i>	purple buddleia
*	<i>Buddleja saligna</i> (NZFRI 23238)	olive buddleia
*	<i>Buxus sempervirens</i>	box
*	<i>Callicarpa rubella</i>	
*	<i>Callistemon citrinus</i> (red stamens) (NZFRI 22459)	
*	<i>Callistemon pallidus</i> (pale yellow stamens)(NZFRI 23221)	
*	<i>Callistemon salignus</i> (whitish stamens)	white (green) bottlebrush
*	<i>Camellia</i> spp. and cvs	camellia
*	<i>Carica pubescens</i>	mountain pawpaw
b	<i>Carpodetus serratus</i>	putaputaweta
*	<i>Casuarina cunninghamiana</i> (NZFRI 23207)	river she-oak
*	<i>Catalpa speciosa</i>	
*	<i>Ceratopetalum gummiferum</i> (NZFRI 22476)	
**	<i>Chamaecytisus palmensis</i>	tagasaste, tree lucerne
*	<i>Chaenomeles speciosa</i>	japonica
**	<i>Chrysanthemoides monilifera</i>	boneseed
b	<i>Coprosma acerosa</i>	sand coprosma
b	<i>Coprosma arborea</i> 'purpurea'	mamangi
c	<i>Coprosma repens</i>	taupata
b	<i>Coprosma rhamnoides</i> cv.	
a	<i>Coprosma robusta</i>	karamu
b	<i>Coprosma acerosa</i> X <i>C. repens</i> ( <i>C. 'Kirkii'</i> )	
*	<i>Cornus kousa</i>	dogwood
b	<i>Corokia</i> x <i>cheesemanii</i>	hybrid corokia
c	<i>Corynocarpus laevigatus</i>	karaka
**	<i>Cotoneaster franchetii</i>	cotoneaster

**	<i>Cotoneaster glaucophyllus</i>	cotoneaster
**	<i>Cotoneaster microphyllus</i>	a sprawling cotoneaster
**	<i>Cotoneaster simonsii</i>	Khasia berry
*	<i>Cotoneaster</i> (small-leaved)	
*	<i>Cussonia spicata</i> (NZFRI 22583)	cabbage tree (S. African)
*	<i>Dendrobenthamia capitata</i>	dogwood
**	<i>Elaeagnus x reflexa</i>	elaeagnus
**	<i>Eriobotrya japonicus</i>	loquat
*	<i>Escallonia</i> sp.	
*	<i>Eucalyptus calophylla</i> (NZFRI 23253)	marri
*	<i>Eucalyptus cinerea</i> (NZFRI 22225)	silver dollar gum, Argyle apple
*	<i>Eucalyptus citriodora</i>	lemon-scented gum
*	<i>Eucalyptus conferruminata</i> (NZFRI 5611 - collected here in 1958)	bushy yate
*	<i>Eucalyptus deanei</i> (NZFRI 23300)	round-leaved gum
*	<i>Eucalyptus ficifolia</i>	red-flowering gum
*	<i>Eucalyptus leucoxylon</i> (NZFRI 23229)	South Australian blue gum
*	<i>Eucalyptus megacarpa</i> (NZFRI 22217)	bullich
*	<i>Eucalyptus muelleriana</i>	yellow stringybark
*	<i>Eucalyptus sideroxylon</i> (NZFRI 22463, 22224)	red ironbark, mugga
*	<i>Eucalyptus tereticornis</i>	forest red gum
*	<i>Eucalyptus tricarpa</i> (NZFRI	
*	<i>Euonymus japonica</i>	Japanese spindle tree
*	<i>Euonymus lucidus</i> (syn. <i>E. pendula</i> ) (AK, NZFRI 22456, 22457)	
*	<i>Fagus sylvatica</i>	European beech
*	<i>Fagus sylvatica</i> (weeping form)	
*	<i>Fagus sylvatica</i> cv. Rivers? (purple form)	
**	<i>Fatsia japonica</i>	copper beech
*	<i>Feijoa sellowiana</i>	fatsia
*	<i>Ficus</i> sp.	feijoa
**	<i>Fraxinus ornus</i> (NZFRI 22466; CHR )	rubber plant?
*	<i>Fraxinus excelsior</i>	mannan ash
b	<i>Fuchsia procumbens</i>	ash
a	<i>Geniostoma rupestre</i> var. <i>ligustrifolia</i>	creeping fuchsia
*	<i>Grevillea robusta</i>	hangehange
*	<i>Grevillea</i> 'Robyn Gordon'	silky oak
b	<i>Griselinia littoralis</i>	grevillea
b	<i>Griselinia lucida</i>	broadleaf
*	<i>Hakea salicifolia</i> (NZFRI 8373)	broadleaf
b	<i>Hebe diosmifolia</i> agg.	
b	<i>Hebe elliptica</i>	
b	<i>Hebe macrocarpa</i>	
a	<i>Hebe stricta</i> var. <i>stricta</i>	koromiko
b	<i>Hebe venustula</i>	
b	<i>Hebe</i> sp. (unnamed; <i>Veronica arborea</i> )	tree hebe
b	<i>Hebe</i> spp. & hybrids	hebe, koromiko
c	<i>Hoheria populnea</i> var.	lacebark, houhere
**	<i>Hydrangea macrophylla</i>	hydrangea

*	<i>Ilex aquifolia</i>	holly
*	<i>Iochroma caesia</i>	
*	<i>Jacaranda mimosifolia</i>	jacaranda
*	<i>Juglans ailantifolia</i>	Japanese walnut
b	<i>Knightia excelsa</i>	rewarewa
*	<i>Laburnum anagyroides</i>	laburnum
*	<i>Lagunaria patersonia</i>	Norfolk I hibiscus
*	<i>Lavandula angustifolia</i> var.	English lavender
*	<i>Leucodendron saligna</i> (syn. <i>L. adsendens</i> )	
*	<i>Leucodendron</i> ‘Safari Sunset’	
*	<i>Ligustrum ovalifolium</i>	privet
**	<i>Ligustrum sinense</i>	Chinese privet
*	<i>Liquidamber styraciflua</i>	liquidamber
*	<i>Liriodendron tulipifera</i>	tulip tree
*	<i>Lonicera nitida</i>	
b	<i>Lophomyrtus obcordata</i>	rohutu
b	<i>Lophomyrtus</i> x <i>ralphii</i>	rohutu/ramarama hybrids (various foliage colour forms)
*	<i>Lophostemon confertus</i> (NZFRI 22215)	brush box
*	<i>Macadamia integrifolia</i>	macadamia
*	<i>Macadamia tetraphylla</i>	macadamia
c	<i>Macropiper excelsum</i>	kawakawa
*	<i>Magnolia grandiflora</i>	evergreen magnolia
*	<i>Magnolia</i> cvs (deciduous)	magnolia
*	<i>Mahonia</i> sp. (unidentified)	
*	<i>Malus</i> x <i>domestica</i>	apple
*	<i>Malus</i> cvs	crab apples
*	<i>Maytenus boaria</i>	maiten
*	<i>Melaleuca armillaris</i> (white stamens) (NZFRI 23230)	<i>The only tree was felled in May 1999</i>
*	<i>Melaleuca decora</i> (white stamens) (NZFRI 22472)	honey myrtle (a paperbark)
*	<i>Melaleuca hypericifolia</i> (red stamens) (NZFRI 22460)	
*	<i>Melaleuca styphelioides</i> (white stamens) (NZFRI 22458, 22473)	paperbark
*	<i>Melia azedarach</i>	white cedar, Persian lilac
b	<i>Melicope ternata</i>	wharangi
c	<i>Melicytus ramiflorus</i>	mahoe
b	<i>Meryta sinclairii</i>	puka
b	<i>Metrosideros bartlettii</i> <sup>1</sup>	Bartlett’s rata
c	<i>Metrosideros excelsa</i>	pohutukawa
b	<i>Metrosideros robusta</i>	northern rata
b	<i>Metrosideros excelsa</i> x <i>M. robusta</i> (cv “Mistral”?)	
*	<i>Mimetes cucullatus</i> (removed in 1997)	
b	<i>Myoporum laetum</i>	ngaio
c	<i>Myrsine australis</i>	mapou
*	<i>Nandina domestica</i> ?	nandina
*	<i>Nerium oleander</i>	oleander
c	<i>Nestegis cunninghamii</i>	black maire

<sup>1</sup> Donated by Colin & Robyn Ogle, planted in about June 2000; flowering in Dec 2000 (it had not flowered before in a pot for > 14 years.)

b	<i>Nothofagus fusca</i>	red beech
b	<i>Nothofagus menziesii</i>	silver beech
b	<i>Nothofagus solandri</i> var. <i>solandri</i>	black beech
*	<i>Paraserianthes lophantha</i>	brush wattle
*	<i>Phebalium squamosum?</i>	hedge phebalium
*	<i>Photinia serrulata</i> (NZFRI)	
c	<i>Pittosporum crassifolium</i>	karo
b	<i>Pittosporum eugenioides</i>	tarata, lemonwood
c	<i>Pittosporum ralphii</i>	
*	<i>Platanus X acerifolia</i>	London plane
*	<i>Plumbago capensis</i>	plumbago
*	<i>Polygala myrtifolia</i>	sweet pea shrub
*	<i>Pomaderris aspera</i>	hazel pomaderris
**	<i>Populus alba</i>	silver poplar
*	<i>Populus nigra</i> cv 'Italica'	Lombardy poplar
*	<i>Populus tremula</i> (NZFRI)	aspen
b	<i>Pouteria costata</i> (= <i>Planchonella costata</i> ) (NZFRI 23234)	tawapou
*	<i>Protea neriifolia</i>	protea
*	<i>Prunus laurocerasus</i>	cherry laurel
*	<i>Prunus</i> spp. & cvs	flowering cherries
b	<i>Pseudopanax arboreus</i>	fivefinger
b	<i>Pseudopanax crassifolius</i>	lancewood
b	<i>Pseudopanax laetus</i>	
b	<i>Pseudopanax lessonii</i>	houpara, coastal fivefinger
c	<i>Pseudopanax crassifolius X P. lessonii</i>	
*	<i>Pterocarya</i> sp.	wingnut
*	<i>Pyracantha</i> sp.	fire-thorn
*	<i>Quercus cerris</i>	turkey oak
*	<i>Q. ilex</i>	holm oak
*	<i>Q. palustris</i>	pin oak
**	<i>Q. robur</i>	oak
*	<i>Rhamnus alaternus</i>	evergreen buckthorn
*	<i>Rhaphiolepis umbellata</i>	
*	<i>Rhododendron</i> ssp. & cvs	rhododendron, azalea
*	<i>Rhus lancea</i> (NZFRI 23209; AK )	
*	<i>Rosa chinensis</i> & cvs	hybrid tea and other roses
*	<i>Rosmarinus officinalis</i>	rosemary
**	<i>Salix babylonica</i>	weeping willow
**	<i>Salix cinerea</i>	grey (pussy) willow
*	<i>Salix elaeagnos</i>	bitter willow (an osier)
*	<i>Salix fragilis</i>	crack willow
*	<i>Salix matsudana</i>	tortured willow
**	<i>Senecio petasitis</i>	velvet groundsel
a	<i>Solanum laciniatum</i>	poroporo
**	<i>Solanum pseudocapsicum</i>	Jerusalem cherry
b	<i>Sophora microphylla</i>	kowhai
b	<i>Sophora prostrata</i>	shrub kowhai
b	<i>Sophora tetraptera</i>	kowhai
*	<i>Spiraea</i> sp.	may

* Stenocarpus salignus (NZFRI 23236)	
* Stenocarpus sinuatus (NZFRI	firewheel tree
* Styrax japonica (NZFRI 22471)	
* Syncarpia glomulifera	red turpentine
* Syzygium australe	lillypilly
b Syzygium maire	swamp maire, maire tawake
* Syzygium paniculatum	lillypilly
* Teline monspessulana	montpellier broom
* Tilia x europaea	lime, linden
* Tristaniopsis laurina (NZFRI 22203)	
** Ulex europaeus	gorse
* Ulmus glabra cv 'Camperdown'	weeping elm
** Ulmus x hollandica	suckering elm
* Viburnum japonicum	
* Viburnum odoratissimum (NZFRI 23239 ;AK )	
* Viburnum tinus? (NZFRI	Laurustinus?
* Viburnum x burkwoodii	
b Vitex lucens	puriri
* Waterhousea floribunda (NZFRI 23235)	weeping lillypilly
* Westringia sp.	

#### 4. Monocot lianes

* Asparagus falcatus (AK )	
** A. scandens	climbing asparagus

#### 5. Dicot lianes

* Akebia quinata	akebia
a Calystegia sepium	pink bindweed
* Clematis montana	
** C. vitalba	old man's beard
** Hedera helix	ivy
** Jasminum polyanthum	jasmine
* Parthenocissus tricuspidata	Virginia creeper
** Passiflora mollissima	banana passionfruit (1 plant seen & removed, Aug. 2000)
* Pandorea sp.	
** Senecio mikanioides	German ivy
* Wisteria sp.	wisteria

#### 6. Monocot herbs

##### (a) Sedges

a? Bolboschoenus fluviatilis	purua grass
** Carex divulsa	
b Carex flagellifera	

a	<i>Carex inversa</i>	
a	<i>Carex lessoniana</i>	
a	<i>Carex maorica</i>	
a	<i>Carex secta</i> s.s.	purei
a	<i>Carex solandri</i>	
b	<i>Carex testacea</i>	
a	<i>Carex virgata</i>	
a	<i>Carex</i> sp. (unnamed, aff. <i>C. geminata</i> - giant sp.)	
**	<i>Cyperus eragrostis</i>	
*	<i>Cyperus involucratus</i>	
a	<i>Cyperus ustulatus</i>	mariscus
a	<i>Eleocharis acuta</i>	sharp spike sedge
a	<i>E. gracilis</i>	slender spike sedge
a?	<i>E. sphacelata</i>	bamboo spike sedge
**	<i>Isolepis marginata</i> (CHR)	
a	<i>Isolepis reticularis</i> (CHR)	
**	<i>Isolepis setacea</i> (CHR)	
a	<i>Schoenoplectus tabernaemontani</i>	kapungawha
a	<i>Schoenus maschalinus</i>	

### (b) Grasses

**	<i>Agrostis stolonifera</i>	creeping bent
**	<i>Bromus willdenowii</i>	prairie grass
**	<i>Cynodon dactylon</i>	Indian doab
**	<i>Dactylis glomerata</i>	cocksfoot
**	<i>Ehrharta erecta</i>	veld grass
**	<i>Glyceria declinata</i>	floating sweetgrass
**	<i>Holcus lanatus</i>	Yorkshire fog
a	<i>Microlaena stipoides</i>	meadow rice grass
**	<i>Paspalum dilatatum</i>	paspalum
**	<i>Paspalum distichum</i> (CHR)	Mercer grass
**	<i>Pennisetum clandestinum</i>	kikuyu grass
**	<i>Piptatherum miliaceum</i>	
a?	<i>Poa anceps</i>	
**	<i>Poa annua</i>	
**	<i>Poa trivialis</i>	
**	<i>Pseudosasa japonica</i>	a bamboo
**	<i>Schedonorus phoenix</i>	tall fescue

### (c) Rushes

**	<i>Juncus articulatus</i>	jointed-leaved rush
**	<i>J. bufonius</i>	toad rush
**	<i>J. effusus</i>	soft rush
a	<i>J. pallidus</i>	
a	<i>Juncus planifolius</i>	
**	<i>J. tenuis</i>	



#### (d) Monocots other than sedges, grasses and rushes

*	<i>Aloe</i> sp.	aloe
c	<i>Arthropodium cirratum</i>	renga lily
**	<i>Agapanthus orientalis</i>	agapanthus
**	<i>Allium triquetrum</i>	three-cornered garlic, "wild onion"
**	<i>Amaryllis belladonna</i>	naked lady
*	<i>Anigozanthus flavidus</i>	kangaroo paw
*	<i>Aspidistra elatior</i>	aspidistra, cast-iron plant
**	<i>Chlorophytum comosum</i> (CHR)	
*	<i>Clivia miniata</i>	clivia
**	<i>Crocasmia x crocosmiiflora</i>	montbretia
*	<i>Doryanthes</i> sp.	
**	<i>Egeria densa</i> (CHR)	egeria oxygen-weed
**	<i>Iris foetidissima</i>	stinking iris
**	<i>I. pseudacorus</i>	flag iris
*	<i>Hedychium</i> sp. (unidentified)	wild ginger
*	<i>Kniphofia uvaria</i> ?	redhot poker
a	<i>Lemna</i> sp. [unnamed; <i>L. minor</i> of NZ authors]	duckweed
*	<i>Lilium</i> spp.	lilies
b	<i>Phormium cookianum</i>	wharariki, NZ mountain flax
a?	<i>Phormium tenax</i>	harakeke, NZ flax
*	<i>Pontaderia cordata</i>	pickerel weed
a	<i>Thelymitra longifolia</i>	sun orchid
**	<i>Tradescantia fluminensis</i>	wandering Jew
a	<i>Typha orientalis</i>	raupo
*	<i>Wachendorfia thyrsiflora</i>	
*	<i>Watsonia</i> sp.	
**	<i>Zantedeschia aethiopica</i>	arum lily

#### 7. Dicot Herbs

**	<i>Angelica pachycarpa</i>	angelica
*	<i>Astilbe</i> sp.	
**	<i>Bellis perennis</i>	lawn daisy
**	<i>Centaurium erythraea</i>	centaury
a	<i>Centella uniflora</i>	
**	<i>Conyza albida</i>	fleabane
**	<i>Crepis capillaris</i>	hawksbeard
**	<i>Cymbalaria muralis</i>	ivy-leaved toadflax
**	<i>Dichondra micrantha</i>	
**	<i>Epilobium ciliatum</i>	willowherb
a	<i>Euchiton involucrata</i> ( <i>Gnaphalium involucratum</i> )	native cudweed
**	<i>Euphorbia characias</i> (CHR)	Wulfen spurge
**	<i>Euphorbia peplus</i>	milkweed
**	<i>Fumaria muralis</i>	scrambling fumitory
**	<i>Galinsoga parviflora</i>	galinsoga, Kew weed
**	<i>Galium aparine</i>	cleavers
**	<i>Glechoma hederacea</i>	ground ivy

a	<i>Glossostigma elatinoides</i> (CHR	
**	<i>Gnaphalium</i> sp. (unidentified - USA sp.)	cudweed
*	<i>Gunnera tinctoria</i>	Chilean rhubarb
*	<i>Helleborus</i> sp.	winter rose
a	<i>Hydrocotyle heteromeria</i>	waxweed
a	<i>H. moschata</i>	hairy pennywort
a	<i>H. novae-zeelandiae</i> (CHR	swamp hydrocotyle
**	<i>Hypericum perforatum</i>	St John's wort
**	<i>Lapsana communis</i>	nipplewort
a	<i>Lilaeopsis</i> sp. ( <i>L. ruthiana</i> ?) (CHR	tape measure plant
**	<i>Lotus pedunculatus</i>	lotus major
**	<i>Lotus suaveolens</i>	hairy lotus
**	<i>Ludwigia palustris</i> (CHR	
**	<i>Lythrum salicaria</i> (CHR	purple loosestrife
**	<i>Mentha pulegium</i>	penny royal
**	<i>M. x piperita</i> var. <i>citrata</i> (CHR	peppermint
**	<i>Myosotis sylvatica</i>	garden forget-me-not
a	<i>Myriophyllum propinquum</i>	water milfoil
**	<i>Nymphaea alba</i>	water lily
**	<i>Osteospermum fruticosum</i> ?	
**	<i>Oxalis articulata</i>	sourgrass
a	<i>Oxalis exilis</i>	creeping oxalis
**	<i>Oxalis incarnata</i>	lilac oxalis
**	<i>Oxalis latifolia</i>	fishtail oxalis
**	<i>Pericallis X hybrida</i>	cineraria
**	<i>Phytolacca octandra</i>	ink-weed
**	<i>Plantago lanceolata</i>	narrow-leaved plantain
*	<i>Plectranthus ciliatus</i>	
**	<i>Polygonum aviculare</i>	wireweed
**	<i>Polygonum hydropiper</i>	water pepper
a	<i>Polygonum salicifolium</i>	NZ willow-weed
**	<i>Portulacca oleracea</i> (CHR	purslane
**	<i>Prunella vulgaris</i>	selfheal
**	<i>Ranunculus repens</i>	creeping buttercup
**	<i>Rorippa nasturtium-aquaticum</i>	watercress
**	<i>Rumex crispus</i>	curled dock
**	<i>Sagina procumbens</i>	pearlwort
**	<i>Senecio bipinnatisectus</i>	fireweed
**	<i>Solanum nigrum</i>	black nightshade
**	<i>Soleirolia soleirolii</i>	mind-your-own-business
**	<i>Sonchus oleraceus</i>	puha, sow thistle
**	<i>Stachys sylvatica</i>	hedge woundwort
**	<i>Trifolium repens</i>	white clover
**	<i>Tropaeolum majus</i>	nasturtium
**	<i>Veronica serpyllifolia</i> (CHR	turf speedwell
**	<i>Vinca major</i>	periwinkle
**	<i>Viola odorata</i>	violet

## 8. Ferns and Fern Allies

b	<i>Asplenium bulbiferum</i> s.s.	hen-and-chicken fern
a	<i>Asplenium flaccidum</i>	hanging spleenwort
a	<i>Asplenium oblongifolium</i>	shining spleenwort
a	<i>Blechnum minus</i> (of NZ authors)	swamp kiokio
a?	<i>Blechnum novae-zelandiae</i>	kiokio
b	<i>Cyathea dealbata</i>	ponga, silver fern
b	<i>Cyathea medullaris</i>	mamaku, black tree fern
b	<i>Dicksonia fibrosa</i>	wheki-ponga
a?	<i>Dicksonia squarrosa</i>	wheki
**	<i>Equisetum arvense</i> (CHR)	field horsetail
a	<i>Hypolepis ambigua</i>	
b	<i>Marattia salicina</i>	king fern
a	<i>Paesia scaberula</i>	ring fern
a	<i>Microsorium pustulatum</i>	hound's tongue fern
a	<i>Polystichum richardii</i>	hard shield fern
a	<i>Pteridium esculentum</i>	bracken
a	<i>Pteris tremula</i>	shaking brake
a	<i>Pyrrhosia eleagnifolia</i>	leatherleaf fern