

## Indigenous plants of Greystoke Reserve, Jefferson Line, Marton.

Wanganui Botanical Group, 24.3.91; (Grid ref NZMS 260/sheet S23/173297: 230 m a.s.l); compiled by Colin Ogle and Wanganui Botanical Group, 24.03.91.

### Wanganui Plant List 26 Department of Conservation, Wanganui

a = abundant; c = common; o = occasional; u = uncommon

\* denotes adventive species including indigenous species not natural to this area (planted specimens are not listed)

#### Gymnosperms

Dacrycarpus dacrydioides	(kahikatea)	u (1 adult)
Dacrydium cupressinum	(rimu)	o
Podocarpus totara	(totara)	(planted? 2 dead)

#### Dicot trees and shrubs

Alectryon excelsus	(titoki)	o
Beilschmiedia tawa	(tawa)	c
Coprosma areolata		c
C. grandifolia	(kanono, raurekou)	o
C. rigida		u
Corynocarpus laevigatus only?)	(karaka)	u (seedlings)
Elaeocarpus dentatus	(hinau)	o
Geniostoma rupestre var. ligustrifolium	(hangehange)	o
Hedycarya arborea	(pigeonwood)	o
Hoheria populnea var. [= H. sexstylosa]	(lacebark)	u
*Hydrangea macrophylla	(hydrangea)	u
*Ilex aquifolium	(holly)	u
Knightia excelsa	(rewarewa)	u
Laurelia novae-zelandiae	(pukatea)	u
*Ligustrum sinense	(privet)	u
Lophomyrtus bullata	(ramarama)	u
Macropiper excelsum	(kawakawa)	c
Melicytus ramiflorus	(mahoe)	a
Myoporum laetum	(ngaio)	u
Myrsine australis	(mapou)	o
Pennantia corymbosa	(kaikomako)	u
Pittosporum tenuifolium var. tenuifolium	(kohuhu)	o
Pseudopanax crassifolius	(lancewood)	u
*Sambucus nigra	(elderberry)	c
Schefflera digitata	(pate)	u

* <i>Solanum pseudocapsicum</i>	(Jerusalem cherry)	u
<i>S. sp.</i>	(poroporo)	u
<i>Sophora microphylla</i>	(kowhai)	u (planted only ?)
<i>Streblus heterophyllus</i>	(small-leaved milktree)	o
* <i>Ulex europaeus</i>	(gorse)	u
* <i>Vitex lucens</i>	(puriri)	(u, 2 seedlings)
<u>Monocot Tree</u>		
<i>Cordyline australis</i>	(cabbage tree)	o
<u>Dicot lianes</u>		
<i>Clematis foetida</i>		u
<i>C. forsteri</i> (?)		u
* <i>C. vitalba</i>	(old man's beard)	u
* <i>Jasminum polyanthum</i>	(jasmine)	u
<i>Metrosideros colensoi</i>	(white climbing rata)	o
<i>M. diffusa</i>	(white climbing rata)	u
<i>M. perforata</i>	(white climbing rata)	u
<i>Muehlenbeckia australis</i>	(pohuehue)	u
<i>Parsonsia heterophylla</i>	(NZ jasmine)	o
* <i>Passiflora mollissima</i>	(banana passionfruit)	a
<i>P. tetrandra</i>	(NZ passionflower)	o
* <i>Tropaeolum speciosum</i>	(Chilean flame creeper)	u
<u>Monocot liane</u>		
* <i>Asparagus scandens</i>	(climbing asparagus)	o
* <i>Bomarea multiflora</i>		u
<i>Ripogonum scandens</i>	(supplejack)	o
<u>Dicot herbs</u>		
* <i>Cirsium vulgare</i>	(Scotch thistle)	o
* <i>Senecio bipinnatisectus</i>	(fireweed)	u
* <i>Solanum nigrum</i>	(black night shade)	u
<u>Monocot herbs</u>		
<i>Astelia solandri</i>		u
<i>Carex solandri</i>		u
<i>Collospermum hastatum</i>	(perching lily)	o
<i>Corybas trilobus</i>	(spider orchid)	u
* <i>Dactylis glomerata</i>	(cock'sfoot)	o
<i>Earina mucronata</i>		u
<i>Uncinia uncinata</i>	(hook grass)	c

## Ferns

Asplenium bulbiferum	(hen and chicken fern)	o
A. flaccidum	(hanging spleenwort)	u
A. gracillimum		c
A. oblongifolium	(shining spleenwort)	o
A. polyodon		u
Blechnum filiforme	(climbing blechnum)	c
B. sp. [B. capense agg. "Black spot"]	(kiokio)	u
Cyathea dealbata	(ponga)	o
C. medullaris	(mamaku)	u
Dicksonia squarrosa	(wheki)	u
Histiopteris incisa	water fern	u
Hymenophyllum demissum	(filmy fern)	u
Hypolepis ambigua		o
Lastreopsis glabella		u
L. hispida		u
Paesia scaberula	(ring fern)	u
Pellaea rotundifolia	(button fern)	c
Phymatosorus diversifolius	(hounds tongue)	u
P. scandens		o
Polystichum richardii		u
Pteridium esculentum	(bracken)	u
Pteris pendula [P. macilenta of NZ authors]		u
P. tremula		o
Pyrrhosia eleagnifolia		u
*Selaginella kraussiana		u

Total = 67 indigenous species

Vegetation: tawa-titoki forest with occasional large pukatea and rewarewa, and rarely rimu and kahikatea. Understorey chiefly mahoe, hangehange, Coprosma areolata, rarely tree ferns, and an often sparse groundcover but with locally common climbing blechnum and button fern.

The main weeds throughout the forest are banana passionfruit, elderberry and climbing asparagus - the first of these needs urgent control. Most other weeds were on the margins, including a solitary plant of Old Man's Beard on the western side, where privet, holly, Bomarea, and Chilean flame creeper also occur. Other weeds are encroaching from the house garden on the eastern side, including jasmine and hydrangea; several other species have been planted into the forest edge here, and may spread in the future e.g. Crinum.