

INDIGENOUS VASCULAR PLANTS OF STEEP ROCKY GULLY TO NORTH OF PIPINUI POINT, BETWEEN MAKARA AND TITAHI BAY, WEST COAST OF WELLINGTON

Centered on grid ref. N160/315356 Alt. 100ft - 500ft.

Compiled by C.C. Ogle, NZ Wildlife Service, with assistance of members of Wellington Botanical Society.

6.10.84

* Species added by Barbara Mitcalfe and Pat Enright 16.3.97

Dicotyledonous trees and shrubs

Brachyglottis repanda	Rangiora
Carmichaelia arborea var.	Native broom
Cassinia leptophylla	Tauhinu
Coprosma arcolata	
Coprosma lucida	Karamu
Coprosma propinqua ssp. propinqua	
Coprosma rhamnoides	
Coprosma propinqua x C. robusta	
Cyathodes juniperina	Mingimingi
Geniostoma rupestre var. (1)	Hangchange
Griselinia lucida (1)	Puka
Hebe stricta var macroura	Koromiko
Hebe stricta var stricta	
Hebe sp. (unnamed; Veronica arborea)	
Kunzea ericoides	Kanuka
Leptospermum scoparium	Manuka, teatree
Leucopogon fasciculatus	
Leucopogon fraseri	Patotara
Lophomyrtus obcordata (1)	
Macropiper excelsum var. excelsum	Kawakawa
Melicytus crassifolius	
Melicytus ramiflorus	Mahoe
Myoporum laetum (2)	Ngaio
Myrsine australis	Red Matipo
Olearia paniculata	
Olearia solandri	
Pennantia corymbosa	Kaikomako
Pimelea aridula var. (> 100)	
* Pimelea urvilleana	
* Urtica ferox	

Monocotyledonous trees and shrubs

Cordyline australis	Ti kouka, Cabbage tree
---------------------	------------------------

Dicotyledonous lianes and related trailing plants

Clematis forsteri
Metrosideros diffusa

Metrosideros perforata
Muehlenbeckia complexa
Parsonsia heterophylla
Tetragonia trigyna

Akakiore
Native spinach

Ferns

Adiantum cunninghamii
* Arthropteris tenella
Asplenium flabellifolium
Asplenium flaccidum ss
Asplenium hookerianum
Asplenium hookerianum x A. terrestre var. maritimum
Asplenium oblongifolium
Asplenium terrestre ssp. maritimum
Blechnum banksii
Blechnum chambersii
Blechnum filiforme
Blechnum fluviatile
Blechnum minus
Blechnum pennamarina
* Cheilanthes humilis
Cyathea medullaris
Hypolepis ambigua
Hypolepis rufobarbata (pp H. rugosula)
Pellaea rotundifolia
Phymatosorus pustulatus (P. diversifolium)
Pneumatopteris pennigera
Polystichum richardii
Pteridium esculentum
Pteris tremula
Pyrosia eleagnifolia (P. serpens)

Maidenhair fern
Necklace fern
Makawo, Hanging splecnwort
Huruhuruwhenua, Shining splecnwort
Nini
Paanako
Kiwakiwa
Mamaku
Tarawera
Pikopiko
Bracken, rauaruhe
Ota, Leather-leaf fern

Orchids

Microtis unifolia
Thelymitra longifolia

Maikaika, Onion orchid
Maikuku

Grasses

Cortaderia toetoe
Festuca multinodis
Poa anceps var. anceps
Poa cita

Toetoe
Silver tussock

Sedges

Carex flagellifera
* Carex forsteri

- * *Carex geminata*
- * *Carex lessioniana*
- Carex virgata*
- Carex* sp. (Unidentified - *C. lessioniana* ?)
- Cyperus ustulatus*
- Isolepis cernua*
- Isolepis nodosa*
- Isolepis prolifer* (Scirpus)
- Schoenus maschalinus*
- Uncinia leptostachya*
- Uncinia uncinata* Watu, Hook grass

Rushes and allied plants

- * *Juncus australis*
- Juncus caespiticius*
- Juncus gregiflorus* (J. polyanthemus) Wiwi
- Juncus planifolius*
- Luzula banksiana* var. *banksiana*

Remaining Monocotyledonous plants

- Arthropodium candidum*
- Astelia fragrans*
- Lemna minor* Kakaha
- Libertia ixioides* Mikoikoi
- Phormium cookianum* ssp. Harakeke

Daisy-like herbs (Composites)

- Craspedia uniflora* var. *maritima* Puatea
- Gnaphalium audax*
- Gnaphalium gymnocephalum*
- Lagenifera pumila* (Lagenophora) Papataaniwhaniwha
- Leptinella squalida* var. *squalida*
- Pseudognaphalium* sp. (*P. luteoalbum* agg. Coastal sp. With spatulate leaves)
- Raoulia* sp. (c.f. *R. hookeri*)
- Senecio hispidulus*
- Senecio lautus* ssp. *lautus*
- Vittadinia australis*

Dicotyledonous herbs other than Composites

- Acaena anserinifolia* agg (*A. pusilla*, *A. viridior*) Bidibid
- Acaena novae zelandiae*
- Aciphylla squarrosa* Taramea
- Apium australe*
- Centella uniflora*
- Colobanthus muelleri*
- Crassula sieberiana*

Dichronda repens		
Dichronda sp. (D. Brevifolia agg.)		
Disphyma australe		
Epilobium insulare		
Epilobium nummularifolium		
Epilobium rotundifolium		
Geranium scssiliflorum		
Gonocarpus aggregatus		
Haloragis erecta		
Hydrocotyle moschata		
Linum monogynum		
Lobelia anceps		
Microseris scapigera (c.4)		
Nertera depressa	agg (N. cunninghamii)	Common nertera
Nertera setulosa		
Oxalis exilis		Yellow oxalis
Oxalis lactea		
Plantago raoulii		
Pratia angulata		
Samolus repens		
* Scleranthus biflorus		

Vegetation Types

Scrub:

1. Manuka with occ. Mahoe (Windshorn manuka (25-30cm high) has Pimelae growing thru it)
2. Tauhinu -----> tauhinu / silver tussock - Aciphylla
-----> tauhinu / poor pasture
3. Coprosma propinqua -----> C.propinqua - C rhamnoides

Herbfields:

1. (On well drained hillsides) Silver tussock -----> silver tussock / Pimelea aridula
2. (On exposed ridges near sea) Craspedia -----> Craspedia - Raoulia
3. (Boggy hillsides - gentle slopes) Juncus articulatus - Centella - Oxalis lactea - Schoenus maschalinus - Isolepis cernua - Plantago raoulii (and others) -----> Cortaderia
4. (Rocky cliffs near sea) Disphyma - Colobanthus
5. (Upper slopes and inland ridges) Exotic grass spp. (Pasture)

N.B. Shore not reached on this trip - party turned back up valley > 100ft a.s.l.

Flora: Rare spp. Of region: Pimelea aridula (only Wgton. Site, 1 of 3 in N.Is.)

Uncinia leptostachya , Blechnum banksii , Microseris , Lophomyrtus obcordata .

Abundance of Oxalis lactea , Plantago raoulii in open bogs. Relicts of previous forest flora (the mahoe, mamaku etc are young, regen.) e.g. Hypolepis rufobarbata , Astelia fragrans , Oxalis lactea , Asplenium flaccidum , Blechnum filiforme

, Nertera depressa , Pratia angulata. "Halophytes" well above sea level - prevailing westerly gales - esp. Samolus ,
Colobanthus , Disphyma , Apium