

On 6.11.00

SPRING GROVE COVENANT LONGBUSH (160-240m a.s.l.)
TOPOMAP S27 262945 (2231)
Indigenous Vascular Plants

Pat Enright 19/05/99

unc = uncommon

Site description:

This site is a QE2 covenant on the property of T. Herrick located at "Spring Grove" on the Martinborough/Masterton highway. It is a securely fenced 3.6 hectare bush remnant on a steep south-facing slope on limestone. There are a number of runoff channels and swampy patches especially towards the eastern end of the area.

Manuka/kanuka scrub bounds the area on three sides with the bottom boundary being coprosma/mahoe and kawakawa. The runoff channels contain the greatest diversity of species and reflect the greater availability or moisture. Possum control is currently being carried out on the site and several carcasses were noted and there is a noticeable smell in some areas of the bush.

Regeneration is quite marked with kawakawa (*Macropiper excelsum* var. *excelsum*) being very prominent in contrast with areas that are grazed where it is quite often browsed out. The only adult rewarewa (*Knightia excelsa*) seen is successfully seeding about and there are a number of nikau (*Rhopalostylis sapida*). There are seedlings of some species appearing for which no adult seed source was seen, notably *Pseudopanax arboreus*. There were no kahikatea (*Dacrycarpus dacrydioides*) seen so the only adult tree must be male. Another feature that can be attributed to the lack of grazing is the presence of a number of sedges and the variety of fern species.

This is a very interesting site with a good mixture of dry and moisture-loving species all encompassed in a very small area. There were no specific basicoles noted but with the nature of the ground and the density of the shrubbery the survey could only be given a medium status (five and a half-hours) and species could have been overlooked.

Gymnosperm trees and shrubs

Dacrycarpus dacrydioides (unc)

Podocarpus totara

Kahikatea

Totara

Monocotyledonous trees and shrubs

Cordyline australis

Rhopalostylis sapida

cabbage tree

Nikau

Dicotyledonous trees and shrubs

Alectryon excelsus var. *excelsus*

Brachyglottis repanda

Carmichaelia australis

Carpodetus serratus

Coprosma areolata

Coprosma crassifolia

Coprosma propinqua subsp. *propinqua*

Coprosma rhamnoides

Coprosma rigida

Coprosma robusta

Coprosma rotundifolia (unc)

Coprosma propinqua x *C. robusta*

Elaeocarpus dentatus (unc)

Fuchsia excorticata (unc)

Hebe stricta var. *atkinsonii* (unc)

Hedycarya arborea

Hoheria sexstylosa

Knightia excelsa (unc)

Kunzea ericoides

Leptospermum scoparium

Leucopogon fasciculatus

Macropiper excelsum var. *excelsum*

Melicytus ramiflorus subsp. *ramiflorus*

Myoporum laetum

Myrsine australis

Myrsine divaricata

Nestegis lanceolata (unc)

Olearia paniculata

Ozothamnus leptophyllus (unc)

Pittosporum eugenioides (unc)

Raukaua anomalus

Pseudopanax arboreus (unc)

Pseudopanax crassifolius

Urtica ferox (unc)

Titoki

Rangiora

Putaputaweta, marbleleaf

Karamu

Hinau

Kotukutuku

Koromiko

Pigeonwood

Kanuka

Manuka

Kawakawa

Mahoe

Ngaio

Red Matipo

Weeping Matipo

White maire

tauhinu

Tarata, lemonwood

Whauwhaupaku

Horoecka, lancewood

Monocotyledonous lianes

Ripogonum scandens

Dicotyledonous lianes and related trailing plants

Clematis foetida

Clematis paniculata (unc)

Metrosideros colensoi (unc)

Metrosideros perforata

Muehlenbeckia australis

Muehlenbeckia complexa

Parsonsia capsularis

Parsonsia heterophylla

Passiflora tetrandra

Rubus schmidelioides

Pohuehue

Akakiore

Passion vine

Psilopods, Lycopods and Quillworts

Lycopodium volubile

Ferns

Adiantum cunninghamii

Asplenium bulbiferum

Asplenium gracillimum

Asplenium flabellifolium

Asplenium flaccidum ss

Asplenium hookerianum

Asplenium oblongifolium

Asplenium bulbiferum/gracillimum x A. flaccidum

Blechnum chambersii

Blechnum discolor (unc)

Blechnum fluviatile

Blechnum novaezelandiae

Blechnum pennamarina (unc)

Blechnum procerum (unc)

Cyathea dealbata

Cyathea medullaris

Histiopteris incisa

Hypolepis ambigua

Lastreopsis glabella

Lastreopsis microsora

Paesia scaberula

Pellaea rotundifolia

Phymatosorus pustulatus (unc)

(P. diversifolium)

Pneumatopteris pennigera

Polystichum richardii

Maidenhair fern

Manamana, Hen and Chicken fern

Necklace fern

Makawe, Hanging spleenwort

Kiwakiwa

Kiokio

Ponga, Silver fern

Mamaku

Tarawera

Polystichum vestitum (unc)
Pteris tremula
Pyrrosia eleagnifolia (unc)

Orchids

Thelymitra sp. (unc)

Grasses

Echinopogon ovatus
Microlaena stipoides
Poa anceps subsp. anceps
Poa imbecilla

Sedges

Carex dissita
Carex flagellifera
Carex forsteri
Carex geminata ss
Carex raoulii (unc)
Carex secta
Carex solandri
Carex virgata
Uncinia uncinata

Watu, Hook grass

Rushes and allied plants

Juncus gregiflorus
Juncus sarophorus
Luzula picta

Wiwi

Remaining Monocotyledonous plants

Astelia fragrans (unc)
Libertia ixioides

Mikoikoi

Daisy-like herbs (Composites)

Craspedia uniflora var. minor
Gnaphalium gymnocephalum
Senecio biserratus
Senecio hispidulus

Dicotyledonous herbs other than Composites

Cardamine sp. (C. debilis agg.) ("Long Style" of Pritchard 1957) (unc)
Cardamine sp. (C. debilis agg.) ("Narrow Petal" of Pritchard 1957)
Dichondra brevifolia

Geranium sp.		
Haloragis erecta		
Helichrysum filicaule		
Hydrocotyle elongata		
Hydrocotyle heteromeria		
Hydrocotyle moschata		
Hydrocotyle novae-zelandiae		
Oxalis exilis	Yellow oxalis	
Plantago raoulii		
Pratia angulata		
Ranunculus multiscarpus (unc)		
Ranunculus reflexus	(pp R. hirtus)	Maruru, hairy buttercup
Stellaria decipiens		
Urtica incisa		
Wahlenbergia rupestris		

Birds:

Fantail
Tui
Turkey
Waxeye