

# Vascular plants in bush and swamp area at the end of Taylors Road North of Otaki

Topomap S25 931501 Alt 20m a.s.l.

Pat Enright, Olaf John 19/1/02 (1½hrs) (Swamp edge from road end to dam, bush on bank and part of scrub below dam)

unc = uncommon  
s = swamp area only      PHOTO N .

## Site description:

The area surveyed consists of a large area of mainly flax swamp with a steep bank on the north side with some native bush and is drained by a watercourse below this bank. The small stream which enters the swamp at the eastern end has been dammed to form a small pond. The watercourses then run either side of the swamp passing through a culvert where the road bounds the area to the west. Most of the swamp is in flax but there is an area just down from the pond where some kahikatea (*Dacrydium dacrydioides*), and scrub occupy a less wet area. This area contains manuka (*Leptospermum scoparium*), *Olearia virgata*, small kohuhu (*Pittosporum tenuifolium*) and cabbage trees (*Cordyline australis*) along with a lot of *Carex secta* and *Carex virgata*. Of note was the occurrence of the small mistletoe *Korthosella salicornioides* on some of the manuka and also the presence of the large swamp astelia (*Astelia grandis*).

On the true left of the small stream is a bush patch which appears to be a remnant of what must have been the original land cover on the low hills in this area. This area and the part of the swamp surveyed are grazed by cattle which have severely depleted the bush areas but have also kept down the growth of rank grass in the swamp and shrub area.

There is a significant list of adventive species with barberry (*Berberis glaucocarpus*) and old mans beard (*Clematis vitalba*) being the main concerns, occurring along the bank to the north of the swamp area

## Gymnosperm trees and shrubs

Dacrycarpus dacrydioides      kahikatea

## Monocotyledonous trees and shrubs

Cordyline australis      ti kouka, cabbage tree

## Dicotyledonous trees and shrubs

Alectryon excelsus subsp. excelsus      titoki  
Beilschmiedia tawa      tawa  
Brachyglottis repanda      rangiora  
Coprosma rigida (unc)  
s Coprosma robusta      karamu  
Coprosma tenuicaulis  
Corynocarpus laevigatus      karaka  
Geniostoma rupestre var. linguifolium      hangehange  
Hebe stricta var. atkinsonii      koromiko  
s Korthosella salicornioides (on manuka)      mistletoe  
s Leptospermum scoparium      manuka  
Macropiper excelsum subsp. excelsum  
Melicope simplex      poataniwha  
Melicytus ramiflorus subsp. ramiflorus      mahoe, whitey wood  
Myrsine australis      red matipo  
Olearia virgata  
Pittosporum tenuifolium      kohuhu  
Pseudopanax arboreus  
Pseudopanax crassifolius      horoeka, lancewood  
s Solanum laciniatum (unc)      poroporo

## Monocotyledonous lianes

Ripogonum scandens      kareao, supplejack

## Dicotyledonous lianes and related trailing plants

Metrosideros perforata      akatea  
Muehlenbeckia australis      pohuehue  
s Muehlenbeckia complexa      pohuehue

Psilopods, Lycopods and Quillworts

Ferns

Asplenium flabellifolium	necklace fern
Asplenium flaccidum	makawe, hanging spleenwort
Asplenium gracillimum	manamana
Asplenium hookerianum	
Asplenium oblongifolium	huruhuru whenua
Asplenium polyodon	petako
Asplenium flaccidum x A. gracillimum (unc)	
Asplenium flaccidum x A. hookerianum (unc) ?	
s Azolla filiculoides	
Blechnum chambersii	
Blechnum filiforme	panako
Cyathea medullaris	mamaku
Dicksonia squarrosa	wheki
Hypolepis ambigua	
Lastreopsis glabella	
Microsorium pustulatum	kowaowao
Paesia scaberula	
Polystichum richardii	
Pneumatopteris pennigera	pakauroharoha, gully fern
Pteridium esculentum	rauaruhe, bracken
Pteris macilenta (unc)	
Pteris tremula (unc)	turawera, shaking brake
Pyrosia eleagnifolia	leather-leaf fern

Orchids

Grasses

s Cortaderia toetoe	toetoe
Echinopogon ovatus	hedgehog grass
Microlaena stipoides	

Sedges

s Baumea rubignosa	
s Baumea tenax (unc)	
s Carex maorica	
s Carex secta	purei
Carex solandri	
s Carex virgata	
s Gahnia setifolia (unc)	
s Isolepis prolifer	
Uncinia uncinata	matau a Maui

Rushes and allied plants

s Juncus planifolius	
----------------------	--

Remaining Monocotyledonous plants

s Astelia grandis (unc)	
s Lemna minor	karearea
s Phormium tenax	harakeke
s Typha orientalis	raupo

Daisy-like herbs (Composites)

Dicotyledonous herbs other than Composites

Hydrocotyle novae zelandiae	
Parietaria debilis	
Ranunculus reflexus	maruru
s Stellaria decipiens	

## Adventives

### Dicotyledonous trees and shrubs

- s Berberis glaucocarpus
- s Leycesteria formosa
- Sambucus niger
- Ulex europaeus

barberry  
himalayan honeysuckle  
elderberry  
gorse

### Dicotyledonous lianes and related trailing plants

- Clematis vitalba
- Lonicera sp.
- Rubus fruticosus

old mans beard  
honeysuckle  
blackberry

### Psilopsids, Lycopods and Quillworts

### Ferns

### Grasses

- Anthoxanthum odoratum
- Dactylis glomerata
- s Festuca arundinacea
- s Holcus lanatus
- s Paspalum dilatatum

sweet vernal  
cocksfoot  
tall fescue  
Yorkshire fog

### Sedges

- Carex divulsa (unc)
- s Cyperus eragrostis

umbrella sedge

### Rushes and allied plants

- s Juncus articulatus
- Juncus bufonius
- Juncus effusus

toad rush

### Remaining Monocotyledonous plants

### Daisy-like herbs (Composites)

- s Bidens frondosa
- Cichorium intybus
- Cirsium arvense
- Cirsium vulgare
- Conyza bilbaoana
- Hypochaeris radicata
- Senecio bipinnatisectus

beggars ticks  
chicory  
californian thistle  
scotch thistle  
fleabane  
catsear

### Dicotyledonous herbs other than Composites

- Anagallis arvensis
- s Apium nodiflorum
- Conium maculatum
- Digitalis purpurea
- s Epilobium ciliatum
- Galium aparine
- s Galium palustre
- Lotus pedunculatus
- s Myosotis laxa subsp. caespitosa
- Plantago lanceolata
- s Polygonum hydropiper
- Ranunculus repens
- Rumex crispus
- Sisymbrium officinale
- Solanum chenopodioides
- Solanum nigrum
- Solanum pseudocapsicum
- s Stellaria graminea
- Trifolium repens

scarlet pimpernal  
water celery  
hemlock  
foxglove  
willowherb  
bedstraw  
marsh bedstraw  
lotus  
forget-me-not  
narrow leaved plantain  
water pepper  
buttercup  
crisped dock  
hedge mustard  
velvety nightshade  
nightshade  
Jerusalem cherry  
stitchwort  
white clover

Vicia sativa

climbing vetch





**Birds:**

fantail

marsh harrier

pukeko

starling

