

Moetape Bush

**Indigenous Vascular Plants at Kowhai Station**

(updated version of list)

Topomap T27 & T28 351993 Alt 100m

Tony Silbery, Olaf John, Pat Enright 11/4/99

unc = uncommon

Site description:

This site is in the Wainuioru river valley on Kowhai station near the end of Admiral Station Road. It is on a terrace on the true right of the river and for some distance up the steep hillslope behind. The main area of the bush has been fenced off and does not appear to have been grazed for some time. This survey concentrated mainly of the fenced area, was thorough and took 4 hours)

There are a number of large Matai (*Prumnopitys taxifolia*), kahikatea (*Dacrycarpus dacrydioides*) and totara (*Podocarpus totara*) with a lower story of black maire (*Nestegis cunninghamii*), white maire (*Nestegis lanceolata*), titoki (*Alectryon excelsus* var. *excelsus*) ribbonwood (*Plagianthus regius*) lacebark (*Hoheria sexstylosa*) and kowhai (*Sophora microphylla* & *Sophora* sp.). The understory was fairly sparse but there were thickets of regenerating mahoe (*Melicetyus ramiflorus* subsp. *ramiflorus*), coprosma species and rohotu (*Lophomyrtus obcordata*). There appeared to be some old flood channels which now form damp depressions and contained isolated plants of coprosma, tree fern (*Dicksonia fibrosa*) and weeping matipo (*Myrsine divaricata*).

Outside the fenced area there is no regeneration and very little native herbaceous material.

The main item of note was a single healthy specimen of *Olearia gardneri*, a species with a national listing of endangered. There was no sign of any regeneration of this species. *Fuchsia perscandens* was also locally abundant in some small areas.

## Gymnosperm trees and shrubs

<i>Dacrycarpus dacrydioides</i>	Kahikatea
<i>Podocarpus totara</i>	Totara
<i>Prumnopitys taxifolia</i>	Matai

## Monocotyledonous trees and shrubs

<i>Cordyline australis</i>	cabbage tree
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## Dicotyledonous trees and shrubs

<i>Alectryon excelsus</i> var. <i>excelsus</i>	Titoki
<i>Brachyglottis repanda</i>	Rangiora
<i>Carmichaelia australis</i>	
<i>Coprosma areolata</i>	
<i>Coprosma crassifolia</i>	
<i>Coprosma propinqua</i> subsp. <i>propinqua</i>	
<i>Coprosma rhamnoides</i>	
<i>Coprosma rigida</i>	
* <i>Coprosma robusta</i>	Karamu
<i>Coprosma rotundifolia</i>	
<i>Coprosma rubra</i>	<i>Coprosma</i> "violacea" (unc)
<i>Coprosma propinqua</i> x <i>C. robusta</i>	
<i>Hebe stricta</i> var. <i>atkinsonii</i>	Koromiko
<i>Hoheria sexstylosa</i>	
<i>Kunzea ericoides</i>	Kanuka
<i>Lophomyrtus obcordata</i>	
<i>Melicope simplex</i>	
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	Mahoe
<i>Melicytus micranthus</i>	
<i>Melicytus micranthus</i> x <i>M. ramiflorus</i> (unc)	
<i>Myrsine divaricata</i>	Weeping Matipo
<i>Nestegis cunninghamii</i>	Black Maire
<i>Nestegis lanceolata</i>	White maire
* <i>Nothofagus solandri</i> var. <i>solandri</i>	
<i>Olearia gardneri</i> (unc)	
<i>Pennantia corymbosa</i>	Kaikomako
<i>Plagianthus regius</i>	Ribbonwood
* <i>Pseudopanax arboreus</i>	
<i>Raukaua anomalus</i>	Whauwhaupaku
<i>Pseudopanax crassifolius</i>	Horoeka, lancewood
<i>Sophora microphylla</i>	Kowhai
<i>Sophora tetraptera</i> (leaflets 13mm long)	Kowhai
<i>Streblus heterophyllus</i>	Turepo, milk tree
<i>Urtica ferox</i>	Tree nettle

## Monocotyledonous lianes

## Dicotyledonous lianes and related trailing plants

<i>Calystegia tuguriorum</i>	
<i>Clematis foetida</i>	
<i>Clematis paniculata</i>	
<i>Fuchsia perscandens</i>	
<i>Metrosideros colensoi</i>	
<i>Muehlenbeckia australis</i>	Pohuehue
<i>Muehlenbeckia complexa</i>	
<i>Parsonsia capsularis</i>	
<i>Parsonsia heterophylla</i>	Akakiore
<i>Passiflora tetrandra</i>	Passion vine
<i>Rubus cissoides</i>	
<i>Rubus schmidelioides</i>	
<i>Rubus squarrosus</i> (unc)	

## Psilopods, Lycopods and Quillworts

### Ferns

<i>Adiantum cunninghamii</i>	Maidenhair fern
<i>Asplenium gracillimum</i>	
<i>Asplenium flabellifolium</i>	Necklace fern
<i>Asplenium flaccidum</i> ss (unc)	Makawe, Hanging spleenwort
<i>Asplenium hookerianum</i>	
<i>Blechnum fluviatile</i>	Kiwakiwa
<i>Dicksonia fibrosa</i> (unc)	Histiopteris incisa
<i>Hypolepis ambigua</i>	
<i>Lastreopsis glabella</i>	
<i>Pellaea rotundifolia</i>	Tarawera
<i>Pneumatopteris pennigera</i>	
<i>Polystichum richardii</i>	
<i>Polystichum silvaticum</i>	
<i>Pyrrosia eleagnifolia</i>	
<i>Pteridium esculentum</i>	Bracken

### Orchids

### Grasses

<i>Echinopogon ovatus</i>
<i>Microlaena polynoda</i>

### Sedges

Carex dissita  
Carex flagellifera  
Carex forsteri  
Carex solandri  
Carex virgata

### Rushes and allied plants

Juncus gregiflorus                      Wiwi  
Juncus sarophorus

### Remaining Monocotyledonous plants

#### Daisy-like herbs (Composites)

Gnaphalium gymnocephalum  
Leptinella squalida

#### Dicotyledonous herbs other than Composites

Acaena anserinifolia                      Bidibidi  
Australina pusilla  
Cardamine sp. (*C. debilis* agg.) ("Narrow Petal" of Pritchard 1957)  
Dichondra aff. *brevifolia* (petioles long, thick and unflattened)  
Galium propinquum  
Haloragis erecta (unc)  
Hydrocotyle elongata  
Hydrocotyle heteromeria  
Hydrocotyle novae-zelandiae  
Mazus novaezelandiae subsp. *novaezelandiae* (unc) (Aalbert Rebergen pers. comm.)  
Oxalis exilis                                      Yellow oxalis  
Plantago raoulii (unc)  
Pratia angulata  
Ranunculus reflexus (pp *R. hirtus*) Maruru, hairy buttercup  
Stellaria decipiens (unc)  
Urtica incisa

#### Birds:

Fantail  
Grey warbler  
Native pigeon  
Paradise duck  
Spurwinged plover  
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## SAWYER, John [TSO,WGT]

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**From:** ENRIGHT, Pat [TTNZ]  
**To:** SAWYER, John [TSO,WGT]  
**Subject:** MOETAPU BUSH ON KOWHAI STATION  
**Date:** Tuesday, 13 April 1999 09:15AM

Hi John

We went to the bush patch on Kowhai station and had a good look around in the fenced area. We did not see the mazus but it may have been outside the fence. It is really only notable for the olearia but looks like a good place to revegetate with this species. I am probalely becoming a bit too critical and expecting a real flora bonanza each time.

I have a couple of sites not far from Ahi Paku to have a look at hopefully this weekend. One of them does not show on your map. It is on Patera and is 2 gullies over from Ahi Paku. According to Dave McLaren it has a lot of kowhai and scrub.

Cheers

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