

Appendix 1

Checklist of indigenous vascular plants seen at Ahi Paku Station, QE2
Covenant and surrounding area (October/November 1998).

Altitude m.asl: 145 m.

Visited on:

- 11 October 1998 by Tony Silbery, Pat Enright, Olaf John, Aalbert Rebergen, David McLaren and Fiona McLaren.
- 12 October 1998 by Aalbert Rebergen and David McLaren.
- 14 October 1998 by Aalbert Rebergen and Garry Foster.
- 17 October 1998 by Tony Silbery, Pat Enright, Olaf John and Aalbert Rebergen.
- 23 October 1998 by Aalbert Rebergen.
- 24 October 1998 by Pat Enright.
- 11 November 1998 by Pat Enright and Olaf John.

- * = species listed in Wellington Plant Conservation strategy
- (unc) = uncommon

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 |
|------------------------------|--------------|

Dicotyledonous trees and shrubs

- | | |
|---|--------------|
| ✓ <i>Alectryon excelsus</i> var. <i>excelsus</i> | titoki |
| ✓ <i>Brachyglottis repanda</i> | rangiorea |
| ✓ <i>Carmichaelia arborea australis</i> | native broom |
| ✓ <i>Carpodetus serratus</i> | putaputaweta |
| ✓ <i>Coprosma areolata</i> | |
| ✓ <i>Coprosma crassifolia</i> | |
| ✓ <i>Coprosma linariifolia</i> (unc) | |
| ✓ <i>Coprosma propinqua</i> subsp. <i>propinqua</i> | |
| ✓ <i>Coprosma rhamnoides</i> | |
| ✓ <i>Coprosma rigida</i> | |
| ✓ <i>Coprosma robusta</i> | |

- ✓ *Coprosma rotundifolia*
- ✓ *Coprosma robusta* x *C. propinqua* ?
- ✓ *Coprosma rubra* (unc)
- ✓ *Coprosma* sp. (unnamed; sp. "v" of Eagle 1982)*
- ✓ *Cyathodes juniperina*
- ✓ *Elaeocarpus hookerianus*
- ✓ *Hebe stricta*
- ✓ *Hebe* sp. (unnamed "H. arborea")
- ✓ *Helichrysum aggregatum* (unc)
- ✓ *Hoheria angustifolia*
- ✓ *Hoheria sextylosa* ← H. ext x angustifolia
- ✓ *Korthalsella lindsayii**
- ✓ *Kunzea ericoides** kanuka
- ✓ *Leptospermum scoparium* manuka
- ✓ *Leucopogon fasciculatus* (unc)
- ✓ *Lophomyrtus obcordata*
- ✓ *Melicope simplex*
- ✓ *Melicytus ramiflorus* subsp. *ramiflorus* mahoe
- ✓ *Melicytus micranthus*
- ✓ *Myrsine australis* red matipo
- ✓ *Myrsine divaricata* weeping matipo
- ✓ *Neomyrtus pedunculatus* (unc)
- ✓ *Nestegis cunninghamii* black maire
- ✓ *Nestegis lanceolata* white maire
- ✓ *Nestegis montana* narrow-leaved maire
- ✓ *Olearia paniculata* (unc)
- ✓ *Pennantia corymbosa* kaikomako
- ✓ *Pittosporum eugenoides* - In top cov lemonwood
- ✓ *Pittosporum obcordatum**
- ✓ *Pittosporum tenuifolium* kohuhu
- ✓ *Plagianthus regius* lowland ribbonwood
- ✓ *Pseudopanax arboreus* (unc) five finger
- ✓ *Pseudopanax crassifolius* lancewood
- ✓ *Raukaua anomalus*
- ✓ *Sophora microphylla** kowhai
- ✓ *Sophora tetraptera* kowhai
- ✓ *Streblus heterophyllus* small-leaved milk tree
- ✓ *Teucrium parvifolium**
- ✓ *Tupeia antarctica** mistletoe on N cum.

6 parts = 1344 ♀ + 3 ♂
 of (covered) (col. mea)
 feeds on ...

Teleda was for weed clearance
 - 1106 - Coprosma

Dicotyledonous lianes and related trailing plants

- ✓ *Calystegia tuguriorum*
- ✓ *Clematis foetida*
- ✓ *Clematis forsteri*
- ✓ *Clematis paniculata*
- ✓ *Fuchsia perscandens* (unc)
- ✓ *Metrosideros colensoi*
- ✓ *Metrosideros diffusa*
- ✓ *Muehlenbeckia australis*
- ✓ *Muehlenbeckia complexa*
- ✓ *Parsonsia capsularis*
- ✓ *Parsonsia heterophylla*
- ✓ *Passiflora tetrandra*
- ✓ *Rubus cissoides*
- ✓ *Rubus schmidelioides*

very common in wet upland forest
 very fine
 no thorns
 on a bank

Ferns

- ✓ *Adiantum cunninghamii*
- ✓ *Asplenium bulbiferum*
- ✓ *Asplenium flabellifolium*
- ✓ *Asplenium flaccidum*
- ✓ *Asplenium hookerianum*
- ✓ *Asplenium polyodon*
- ✓ *Asplenium bulbiferum* × *A. flaccidum*
- ✓ *Asplenium bulbiferum* × *A. hookerianum*
- ✓ *Blechnum chambersii*
- ✓ *Blechnum discolor* (unc)
- ✓ *Blechnum fluviatile*
- ✓ *Blechnum novae-zelandiae* (unc)
- ✓ *Cyathea dealbata* (unc)
- ✓ *Histiopteris incisa*
- ✓ *Hymenophyllum sanguinolentum*
- ✓ *Hypolepis ambigua*
- ✓ *Lastreopsis glabella*
- ✓ *Leptopteris hymenophylloides* (unc)
- ✓ *Paesia scaberula* (unc)
- ✓ *Pellaea rotundifolia*
- ✓ *Phymatosorus pustulatus*
- ✓ *Pneumatopteris pennigera*
- ✓ *Polystichum richardii*
- ✓ *Pteris tremula*
- ✓ *Pyrrosia eleagnifolia*

Adiantum dracopis
Asp gracillimum

maidenhair fern
 hen and chicken fern
 necklace fern
 hanging spleenwort

Asplenium colensoi

sickle spleenwort
 probably *A. gracillimum*

Hypolepis arb. & subshrub
 top cover

should be *Leptopteris*

Polystichum aff. *richardii*
Polystichum sylvaticum - top cover

Myosotis *bracteata* New top cover but not

Orchids

- ✓ *Corybas trilobus* ✓
- Earina mucronata* ✓ - some dead in top cov
- Microtis unifolia* ✓
- Pterostylis graminea* ✓

Grasses

- ✓ *Anemanthele lessoniana* (unc)
 - Cortaderia* sp. (unc)
 - ✓ *Echinopogon ovatus*
 - ✓ *Microlaena avenacea*
 - ✓ *Microlaena polynoda* ← *Microlaena stipoides*
 - ✓ *Poa anceps*
 - ✓ *Poa imbecilla*
- Rhodosperma unede*

Sedges

- ✓ *Carex dissita*
- Carex flagellifera* (unc)
- ✓ *Carex forsteri*
- ✓ *Carex geminata* *Carex lessoniana*
- ✓ *Carex secta* *C. lambertiana* - also found in
- ✓ *Carex solandri*
- Carex testacea*
- ✓ *Carex virgata* *Eleocharis acuta*
- ✓ *Isolepis reticularis*
- ✓ *Uncinia leptostachya*
- ✓ *Uncinia uncinata*

Rushes and allied plants

- ✓ *Juncus gregiflorus* *Juncus australis*
- ✓ *Juncus sarophorus*
- Luzula picta* (unc)

Monocotyledonous herbs other than orchids, grasses, sedges, rushes and allied plants

- ✓ *Arthropodium candidum*
- ✓ *Libertia ixioides*
- ✓ *Phormium cookianum*
- ✓ *Polygonum orientale*

Dicotyledonous herbs - composites

- ✓ *Cotula australis*
 - ✓ *Craspedia uniflora* subsp. *grandis*
 - ✓ *Gnaphalium audax* (unc)
 - ✓ *Gnaphalium gymnocephalum*
 - Lagenifera pumila*
 - ✓ *Leptinella squalida*
 - ✓ *Senecio biserratus*
 - Senecio quadridentatus*
 - ✓ *Senecio rufiglandulosus*
- Aspachodes terense*
Epilobium acroides
Gnaphalium inuducatum
 " *limosum*
Senecio glomeratus
Solanum arcanum

Dicotyledonous herbs other than composites

- ✓ *Acaena anserinifolia*
- ✓ *Australina pusilla* (unc)
- ✓ *Cardamine* sp. (*C. debilis* agg.) ("Glossy leaf" of Pritchard 1957)
- ✓ *Cardamine* sp. (*C. debilis* agg.) ("Long style" of Pritchard 1957)
- ✓ *Cardamine* sp. (*C. debilis* agg.) ("Narrow petal" of Pritchard 1957)
- Crassula sieberiana*
- Crassula tetramera* (unc)
- ✓ *Dichondra brevifolia*
- ✓ *Galium propinquum*
- Geranium microphyllum*
- ✓ *Haloragis erecta*
- ✓ *Hydrocotyle elongata*
- ✓ *Hydrocotyle heteromeria*
- ✓ *Hydrocotyle moschata*
- ✓ *Hydrocotyle novae-zelandiae*
- ✓ *Oxalis exilis*
- ✓ *Oxalis* sp. (large hairy leaf, purple underneath, *O. magellanica*?)
- ✓ *Plantago raoulia*
- ✓ *Pratia angulata*
- Ranunculus reflexus*
- ✓ *Stellaria ~~decipiens~~* (unc) → *stellaria parviflora*
- ✓ *Urtica incisa*
- ✓ *Wahlenbergia rupestris* (unc)
- ✓ *Wahlenbergia violacea* (unc)

Cellitela petraea

C. aff. conyboosa

Ranunculus acris
 - top cov.
Majus n.s.
 top covent
 will be lost
 to Carr
 d. d. d.

Yellow corn product

Frog

Corn or bullies

Traps or spider

Corn webber

chirping cuckoo

~~eng. d. d.~~
 rifea

Alisma plantago-aquatica

Lonicera japonica

Acer pseudoplatanus

Carex *divulsa* - possible reason

Humbulus lycopius for no M. 13 beside stream

Vicia sativa

tetragena

Holcus mollis

