

INDIGENOUS VASCULAR PLANTS OF PAHAOA GORGE† TAIPOS,  
EASTERN WAIRARAPA, S.L. - 1500 FT

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March 1967 (revised June 1972, May 1974, April 1975,

June 1976, May 1977, June 1979,

(Based on observations 1958-1991)

May 1980,  
July 1985,

N - Northern Pahaoa G. Taipos (NE. of Pahaoa G. as far as  
Mangatoī Ck.)

April 1986,  
June 1986,

S - Southern Pahaoa G. Taipos (S.W. of Pahaoa G. as far as  
Rerewhakaaiti R.)

July 1987,

Sc - coast only

Aug 1990,

G - Pahaoa G.

May 1991,  
July 1991)

(unc) - uncommon

GYMNOSPERM TREES

- |  |  |
|--|--|
|  | <i>Corynocarpus laevigatus</i> (G, S)        |
| <i>Dactyloctenium aegyptium</i> (G) (unc)      | <i>Elaeocarpus dentatus</i> (incl. E. d.     |
| <i>Podocarpus totara</i> s.s. (G)              | var. <i>obovatus</i> ) (N, G, S)             |
| <i>P. nivalis</i> x <i>P. totara</i> (G) (unc) | <i>Fuchsia excorticata</i> (N, G, S) (unc)   |
| <i>Prumnopitys ferruginea</i> (G) (unc)        | <i>Griselinia littoralis</i> (N, G, S) (unc) |
| <i>P. taxifolia</i> (G) (unc)                  | <i>G. lucida</i> (N, S) (unc)                |

MONOCOT TREES AND SHRUBS

- |   |   |
|---|---|
| <i>Cordyline australis</i> (N, G, S)        | <i>Hedycahya arborea</i> (N, G, S)            |
| <i>C. banksii</i> (N, S) (unc)              | <i>Hoheria populnea</i> var. <i>lanceo-</i>   |
| <i>C. australis</i> x <i>C. banksii</i> (N) | <i>lata</i> (N, G, S)                         |
| <i>Rhopalostylis sapida</i> (N) (unc)       | <i>Knightsia excelsa</i> (N, G, S)            |
|   | <i>Macropiper excelsum</i> var. <i>excel-</i> |
|   | <i>sum</i> (N, G, S)                          |

DICOT TREES

- |  |   |
|--|---|
| <i>Alectryon excelsus</i> var. <i>exc.</i> (N, G, S) | <i>Alotus</i> (N, G, S)                             |
| <i>Amstotelia serrata</i> (S) (unc)                  | <i>Nyoporum laetum</i> var. <i>laetum</i> (N, G, S) |
| <i>Carpodetus serratus</i> (N, G, S)                 |   |

|  |   |
|--|---|
| <i>Myrsine australis</i> (N, G, S)                         | <i>C. p. var. latiuscula</i> (G, S) (unc)   |
| <i>Nestegis cunninghamii</i> (N, G, S)                     | <i>C. repens</i> (Sc) (unc)   |
| <i>Nothofagus solandri</i> var. <i>sol.</i> (N, G, S)      | <i>C. rhamnoides</i> (incl. <i>C. polymorpha</i> )<br>(N, G, S)                               |
| <i>Olearia paniculata</i> (N, G, S)                        | <i>C. rigida</i> (G)  |
| <i>O. rani</i> var. <i>colorata</i> (N, S) (unc)           | <i>C. robusta</i> (N, G, S)   |
| <i>Pennantia corymbosa</i> (G) (unc)                       | <i>C. propinqua</i> x <i>C. robusta</i> (N, G, S) (unc)                                       |
| <i>Pittosporum rugosoides</i> (G, S) (unc)                 | <i>Coriaria arborea</i> (N, G, S)   |
| <i>P. tenuifolium</i> ssp. <i>tenuifolium</i> (N, G)       | <i>Cyathodes</i> sp. ( <i>C. juniperina</i> agg.) (lvs small,<br>us. < 1cm x < 1mm) (N, G, S) |
| <i>Plagianthus regius</i> var. <i>regius</i> (G)           | <i>Gaultheria antipoda</i> (N, G, S)  |
| <i>Pseudopanax arboreus</i> var. <i>arboreus</i> (N, G, S) | <i>Hebe stricta</i> var. <i>atkinsonii</i> (N, G, S)  |
| <i>P. crassifolius</i> (N, G) (unc)                        | <i>H. s. var. macroura</i> (Sc)   |
| <i>Schefflera digitata</i> (N) (unc)                       | <i>H. venustula</i> (incl. <i>H. brachysiphon</i> )<br>(N) (unc)                              |
| <i>Sophora microphylla</i> (N, G, S)                       | <i>Helichrysum aggregatum</i> var. <i>aggr.</i> (N, G, S)                                     |
| <i>Weinmannia racemosa</i> var. <i>racemosa</i> (N) (unc)  | <i>Meliccytus alpinus</i> s.s. (N, S)   |

### DICOT SHRUBS

|  |  |
|--|--|
| <i>Brachyglottis repanda</i> s.s. (N, G, S)  | <i>M. crassifolius</i> var. <i>crassifolius</i> (Sc) |
| <i>B. grayi</i> var. <i>grayi</i> (N, G, S)  | <i>Ileostylus micranthus</i> (G) (unc)               |
| <i>B. g.</i> x <i>B. lagopus</i> (G) (unc)   | <i>Koeltzalsella lindsayi</i> s.s. (G) (unc)         |
| <i>Carmichaelia arborea</i> var. (incl. <i>C. flag-</i><br><i>elliformis</i> & <i>C. hookeri</i> ) (N, G, S) | <i>Kunzea ericoides</i> agg. (N, G, S)               |
| <i>C. odorata</i> var. <i>odorata</i> (incl. <i>C. o.</i> var.<br><i>pilosa</i> ) (G, S) (unc)               | <i>Leptospermum scoparium</i> var. (N, G, S)         |
| <i>Cassinia leptophylla</i> var. <i>leptophylla</i><br>(N, G, S)   | <i>Leucopogon fasciculatus</i> var. (N, G, S)        |
| <i>Coprosma acerosa</i> ssp. <i>acerosa</i><br>(Sc) (unc)  | <i>Olearia arborescens</i> (N, S) (unc)              |
| <i>C. areolata</i> (G)   | <i>O. solandri</i> (Sc) (unc)                        |
| <i>C. crassifolia</i> (N, G, S)  | <i>Pimelea gnidiä</i> (N) (unc)                      |
| <i>C. grandifolia</i> (N, S) (unc)   | <i>Pomadouris ericifolia</i> (N, G, S)               |
| <i>C. lucida</i> s.s. (N, G, S)  | <i>Solanum aviculare</i> var. <i>aviculare</i> (N)   |
| <i>C. propinqua</i> ssp. <i>propinqua</i> (incl.   | <i>Urtica ferox</i> (N, G, S)                        |

MONOCOT LIANES

Ripogonum scandens (N,G,S)

DICOT LIANES

Calystegia tuguriorum (G)

Clamatis foetida (G)

C. forsteri (N,G,S)

Metrosideros colensoi (incl. M. c. var. pendens) (N,G,S)

M. diffusa (N,S)

Muehlenbeckia australis (N,G,S)

M. complexa (N,G,S)

Parsonsia capsularis var. (N,G,S)

P. heterophylla (S)(unc)

Passiflora tetrandra (G)

Robus cissoides var. cissoides (N,S)

R. schmideloides var. schmideloides (G)

R. squarrosus (G)

LYCOPODS AND PSILOPSIDS

Lycopodium varium (incl. L. billardierei and L. novae-zelandicum) (N,G)(unc)

L. volubile (N,G,S)

Tmesipteris elongata (incl. T. e. ssp. robusta) (S)(unc)

FERNS

Adiantum aethiopicum (G)(unc)

A. cunninghamii (N,G,S)

A. diaphanum (S)(unc)

Anarthopteris lanceolata (N,G,S)

Anogramma leptophylla (G)(unc)

Arthropteris tenella (G,S)

Asplenium flabellifolium agg. (N,G,S)

A. flaccidum (N,G,S)

A. gracillimum (N,G,S)(unc)

A. hookerianum (N,G,S)

A. oblongifolium (N,G,S)

A. polyodon (S)(unc)

A. terrestre ssp. terrestre (N,G,S)

A. sp. (unnamed; aff. A. trichomanes) (N,G)(unc)

Blechnum chambetsii (N,G,S)

B. discolor (N,G)(unc)

B. fluviatile agg. (N,G,S)

B. minus (N)(unc)

B. penna-matina (G,S)(unc)

B. procerum (N,S)

B. sp. (unnamed) (common lowland sp.; lower pinnae reduced in length) (N,G,S)

Boltychium biforme (S)(unc)

Cheilanthes distans (G,S)(unc)

C. humilis (N,G,S)

Ctenopteris heterophylla (N,G,S)

Cyathea dealbata (N,G,S)

C. medullaris (N,G,S)

Doodia media ssp. australis (G)(unc)

- Grammitis billardierai (S)(unc)
- G. ciliata (S)(unc)
- Histiopteris incisa (S)(unc)
- Hymenophyllum bivalve (S)(unc)
- H. cupressiforme (G,S)
- H. demissum (N,S)(unc)
- H. flexuosum (N,S)(unc)
- H. multifidum (N,G,S)(unc)
- H. sanguinolentum agg. (G,S)(unc)
- H. scabrum (S)(unc)
- Hypolepis ambigua (N,G,S)
- H. rufo barbata (S)(unc)
- Lastreopsis glabella (N,G,S)
- L. hispida (S)(unc)
- L. microsora ssp. pentangularis (G,S)(unc)
- Loptopteris hymenophylloides (S)(unc)
- Paesia scaberula (N,G,S)
- Pellaea rotundifolia (N,G,S)
- Phymatosorus diversifolius (N,G,S)
- P. scandens (S)(unc)
- Pneumatopteris pennigera (N,G,S)
- Polystichum richardii (N,G,S)

**ORCHIDS**

- Acianthus sinclairii (G,S)
- Catadenia catenata (G)
- Chiloglottis cornuta (S)
- Corybas macranthus (G,S)
- C. oblongus (G,S)
- C. trilobus ss. (G,S)
- Earina autumnalis (N,G,S)(unc)
- E. mucronata s.s. (N,G,S)(unc)
- Microtis unifolia (N,G,S)
- Orthoceras novae-zeelandiae (N,S)
- Prasophyllum colensoi (N)(unc)
- Pterostylis alobula (G,S)
- P. banksii (N,G)
- P. foliata (N,G)
- P. graminea (N)(unc)
- P. montana s.s. (N,S)(unc)
- Thelymitra hatchii (N)(unc)
- T. longifolia (N,G,S)
- T. pauciflora (N,G)(unc)

- Pteridium esculentum (N,G,S)
- Pteris pendula (S)(unc)
- P. tremula (N,G,S)
- Pyrosia eleagnifolia (N,G,S)
- Trichomanes venosum (S)(unc)

**GRASSES**

- Agrostis personata (unc)
- Chionochloa beddiei (G)(unc)
- Cortaderia fulvida (N,S)
- C. toetoe (Sc)
- Deyeuxia avenoides (incl. D. a. var. brachyantha) (S)

*Dichelachne ciliata* (N,G,S)  
*Echinopogon ovatus* (N,G,S)  
*Elymus multiflorus* (G) (unc)  
*E. sp.* (aff. *E. rectisetus*) (N,G,S)

*Festuca multinodis* (N,G,S)

*Lachnagrostis richardii* (Sc)

*L. sp.* (unnamed; included in *L. filiformis*, as var. *semiglabra*, by Zotov 1965) (G) (unc)

*Microlaena avenacea* (S) (unc)

*M. polynoda* (G)

*M. stipoides* (N,G,S)

*Rytidosperma buchananii* (G,S)

*R. clavatum* (N,G,S)

*R. gracile* (N)

*R. merum* (G) (unc)

*R. unarede* (G)

*Poa anceps* ssp. *anceps* (N,G,S)

*P. cita* ssp. (Sc)

*P. mibecilla* (N,G,S)

*Spinifex seticeus* (Sc)

*Trisetum sp.* (i) (unnamed; aff. *T. antarcticum*) (N,G,S)

*T. sp.* (ii) (unnamed) (plants slender; lf sheath glabrous, or nearly so) (N,G,S)

*Zoysia minima* (Sc)

### SEDGES

*Baumea rubiginosa* (G) (unc)

*B. tenax* (G) (unc)

*Carex breviculmis* (N,G,S)

*C. dissita* s.s. (G)

*C. flagellifera* (G,S)

*C. forsteri* (G,S)

*C. geminata* s.s. (G)

*C. inversa* (Sc) (unc)

*C. pumila* (Sc)

*C. secta* s.s. (G,S)

*C. solandri* (G,S)

*C. testacea* s.s. (G,S)

*C. virgata* (G,S)

*Cyperus ustulatus* (G, Sc)

*Desmoschoenus spiralis* (Sc)

*Eleocharis acuta* (G)

*Schoenoplectus validus* (G, Sc)

*Schoenus maschaliius* (G,S)

*Isoloptis cernua* (Sc)

*I. distigmatica* (G)

*I. nodosa* (G, Sc)

*I. pottsii* (G)

*Uncinia leptostachya* (G,S)

*U. scabra* (S)

*U. uncinata* (N,G,S)

*U. sp.* (aff. *U. tupestis*) (S)

### RUSHES

*Juncus australis* (N,G,S)

*J. caespiticus* (Sc)

*J. distegus* (G,S)

*J. gregiflorus* (N,G,S)

*J. holoschoenus* (G) (unc)

- J. novae-zelandiae (G)(unc)
- J. pallidus (N,G,S)
- J. planifolius (N,G,S)
- J. (sp. or hybrid) (G)
- Luzula picta s.s. (N,G,S)

- Pseudognaphalium sp.(i)(unnamed; aff. P. luteoalbum) (lvs mostly linear-spathulate to linear, acute) (G,S)
- P. sp.(ii)(unnamed; aff. P. luteoalbum) (lvs mostly oblong-spathulate to narrowly oblong, rounded) (Sc)

MONOCOT HERBS (OTHER THAN ORCHIDS)

GRASSES, SEDGES, RUSHES

- Anthropodium candidum (N,G,S)
- Astelia fragrans (G,S)(unc)
- A. solandri (N,G,S)
- Dianella nigra (G,S)(unc)
- Libertia ixioides (G,S)(unc)
- Phormium cookianum (N,G,S)
- Potamogeton choosemanii (G)(unc)
- Typha muelleri (Sc)(unc)

- Helichrysum filicaule (N,S)
- Lagenifera pumila (N,G,S)
- L. strangulata (G,S)
- Leptinella squalida s.s. (G,S)
- Microseris scapigera (G,Sc)
- Raoulia glabra (N)
- R. tenuicaulis (incl. R.t. var. pusilla and R.t. var. dimorpha) (G,S)
- R. sp. (R. australis agg.) (Sc)
- Senecio hispidulus (N,G,S)

COMPOSITE HERBS

- Brachyglottis lagopus var. lagopus (N,G)
- Brachyscome radicata (N,G)
- Celmisia spectabilis ssp lanceolata (N,G)
- Craspedia uniflora var. grandis (N,G,S)
- Gnaphalium acedax (N,G,S)
- G. gymnocephalum (N,G,S)
- G. involucratum (G)
- Anaphalis keriensis (G,S)
- A. sp. (Helichrysum bellidioides s.s) (N)
- A. sp. (H. bellidioides) x Helichrysum aggregatum (N)(unc)

- S. lautus ssp. lautus (N,G,S)
- S. minimus (NS)
- S. quadridentatus (N,G,S)
- Vittadinia australis agg. (N,G,S)

DICOT HERBS (OTHER THAN COMPOSITES)

- Acaena auserinifolia (N,S)
- Aciphylla squarrosa s.s. (NS)
- Apium prostratum ssp. (Sc)
- Callitriche muelleri (S)(unc)
- Calystegia soldanella (Sc)

- Cardamine* sp. (*C. debilis* agg.) ("Narrow *Gonocarpus aggregatus* (G)(unc)  
 Petal" of Pritchard 1957)(N,G,S) *G. mictanthus* ssp. *mictanthus* (G)(unc)  
*Centella uniflora* (N,G,S) *G. montanus* (G,S)(unc)  
*Crassula mataikona* (G,S)(unc) *Gunnera monoica* (G)(unc)  
*C. sieberiana* (N,G,S)  
*Daucus glochidiatus* (G)(unc) *Hydrocotyle elongata* (N,G,S)  
*Dichondra repens* var. (N,G,S) *H. heteromeria* (N,G,S)  
*D. sp.* (unnamed)(G)(unc) *H. moschata* (N,G,S)  
*Einadia triandra* (Sc) *H. novae-zeelandiae* s.s. (G)  
*Disphyma australe* ssp. *australe* (Sc) *Haloragis erecta* ssp. *erecta* (N,G,S)  
*Drosera peltata* ssp. *auriculata* (N,G,S) *Hypericum japonicum* (G)(unc)  
*Epilobium atriplicifolium* (Sc) *Lilaeopsis ruthiana* (G)(unc)  
*E. billardiereanum* s.s. (Sc)(unc) *Linum monogynum* (N,G,S)  
*E. brunnescens* s.s. (S)(unc) *Lobelia anceps* (S)(unc)  
*E. cinereum* (G) *Myriophyllum propinquum* (G)(unc)  
*E. insulare* (G,Sc) *Nertera depressa* (incl. *N. cunning-  
 hamii*)(N,G,S)  
*E. komarovianum* (G) *Oxalis exilis* (N,G,S)  
*E. microphyllum* (G,S) *O. magellanica* agg. (G)(unc)  
*E. netteroides* (G,S) *O. sp.* (rootstock tuberous; fls yellow)(N,G,S)  
*E. nummularifolium* (N,G,S)  
*E. pedunculata* agg. (S)(unc)  
*E. pubens* (N,G) *Parakebe diffusa* ssp. *diffusa* (G)  
*E. rotundifolium* (G,S)  
*Euphrasia cuneata* (N)(unc) *Plantago raoulii* var. (lvs narrowly  
 elliptic)(N,G,S)  
*Galium propinquum* (N,G,S)  
*Geranium microphyllum* (N,G,S) *P. spathulata* ssp. *spathulata* (Sc)  
*G. potentilloides* var. *potentilloides* (G) *Pratia angulata* agg. (N,G,S)  
*G. retrorsum* (G,S)(unc) *Ranunculus acaulis* (Sc)  
*G. sessiliflorum* var. *novae-zeeland-  
 iae* (N,G,S) *R. amphitrichus* (G)(unc)  
*R. reflexus* (N,G,S)  
*Rorippa palustris* (G)

*Samolus repens* var. *repens* (Sc)  
*Sarcocornia quinqueflora* (Sc)  
*Scleranthus biflorus* (N, G, S)  
*Selliera radicans* agg. (Sc)  
*Stellaria decipiens* (incl. *S. parviflora*) (N, G, S)  
*Urtica incisa* (S) (unc)  
*Viola cunninghamii* (G) (unc)  
*Wahlenbergia edensoi* (N, G, S)  
*W. rupestris* (N, G, S)

No. of species: 323.