

INDIGENOUS HIGHER PLANTS (FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF UPPER WAIKURA R. VALLEY*, PEHIRI, N. OF GISBORNE, 240-340M

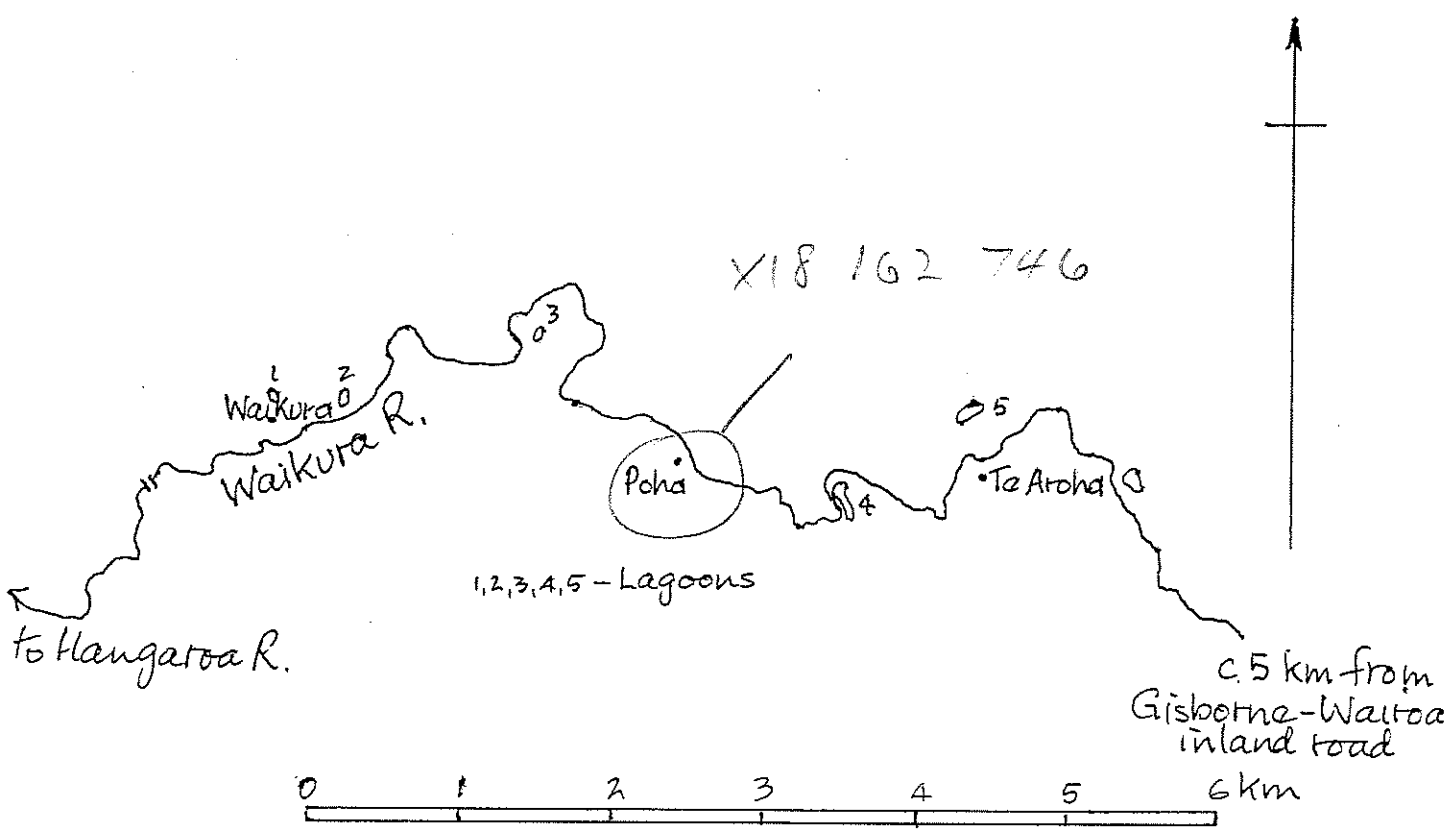
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June 1991 (revised Aug. 1992)

(Based on visits January 1991)

† c. 50 ha of forest remnants on Te Aroha, Waikura, and Poha Stations



(unc) - uncommon

GYMNOSPERM TREES AND SHRUBS

- Dactyloctenium aegyptium
- Dactyloctenium aegyptium (unc)
- Podocarpus totara s.s.
- Prumnopitys taxifolia

- Elaeocarpus hookerianus
- Fuchsia excorticata
- F.e. X F. perscandens (unc)
- Geniostoma rupestre ssp. ligustri-folium
- Hebe stricta var. stricta

MONOCOT TREES AND SHRUBS

- Cordyline australis

- Hedycarya arborea (sdg only)
- Helichrysum aggregatum var. aggregatum (unc)

DICOT TREES AND SHRUBS

- Alectryon excelsus var. excelsus
- Aristotelia serrata (unc)
- Beilschmiedia tawa
- Brachyglottis repanda s.s.
- Carmichaelia sp. (subgenus Carmichaelia)

- Hoheria angustifolia
- H. populnea var. lanceolata
- Korthalsella lindsayi
- Kunzea ericoides agg.
- Leptospermum scoparium (unc)
- Leucopogon fasciculatus var. (unc)

- Carpodetus serratus
- Coprosma crassifolia
- C. propinqua ssp. propinqua

- L. fraseri s.s. (unc)
- Lophomyrtus obcordata
- Macropiper excelsum ssp. excelsum

- C. hamnoides (incl. C. polymorpha)
- C. figida
- C. robusta (unc)
- C. rotundifolia
- C. virescens
- C. sp. (unnamed) (flowering branches slender, curved, bearing bracts only; drupes small, ± violet)

- Melicope simplex
- Melicytus micranthus (inc. M. m. var. microphyllus)
- M. ramiflorus ssp. ramiflorus

- C. propinqua X C. robusta (unc)
- Cornaria arborea
- Cerokia cotoneaster var. cotoneaster

- Myrsine divaricata s.s.
- Neomyrtus pedunculata
- Nestegis cunninghamii
- N. lanceolata
- N. montana (unc)
- Pennantia corymbosa
- Pittosporum eugenoides (sdg only)
- P. obcordatum
- P. tenuifolium ssp. tenuifolium

Plagianthus regius var. *regius*
Pseudopanax anomalus
P. arboreus var. *arboreus* (unc)
P. crassifolius
Schefflera digitata
Sophora microphylla
S. tetraptera
S. microphylla X *S. tetraptera* (unc)
Streblus heterophyllus
Tectidium parvifolium (incl. *T.*
p. var. luxurians)
Urtica ferox (unc)

DICOT LIANES AND RELATED

TRAILING PLANTS

Calystegia tugatorum
Clematis foetida
Fuchsia perscandens
Metrosideros colensoi (incl. *M. c.*
var. pendens)
M. diffusa (unc)
Muehlenbeckia australis
M. complexa
M. australis X *M. complexa* (unc)
Parsonsia capsulata var.
P. heterophylla
Passiflora tetrandra
Rubus cissoides var. *cissoides*
R. schmidelioides var. *schmideli-*
oides

A. gracillimum
A. hookerianum
A. polyodon (unc)
A. gracillimum X *A. hookerianum* (unc)
Azolla fiticuloides
Blechnum chambersii
B. fluviatile agg.
B. membranaceum (unc)
B. minus
B. penna-marina (unc)
B. sp. (unnamed) (common lowland
sp.; lower pinnae reduced in
length)

Cyathea smithii (unc)
Dicksonia fibrosa
D. squarrosa (unc)
Diplazium australe
Histiopteris incisa (unc)
Hymenophyllum demissum (unc)
H. flabellatum (unc)
Hypolepis ambiguca
Isoetes glabella
L. microspora ssp. *pentangulatis*
Leptopteris hymenophylloides
Paesia scaberula (unc)
Pellaea rotundifolia
Phymatosorus pustulatus
Pneumopteris pennigera
Polystichum richardii
P. silvaticum
P. sp. (unnamed) (fronds very dark
purplish green)
Pteris tremula
Pyrosia eleagni-folia

FERNS

Adiantum cunninghamii
Asplenium flabellifolium agg.
A. flaccidum

ORCHIDS

Earina mucronata s.s. (unc)
Pterostylis banksii (unc)
P. sp. (undetermined) (unc)

GRASSES

Echinopogon ovatus
Microlaena polynoda
M. stipoides
Poa anceps ssp. *anceps*
P. imbecilla (unc)
Rytidosperma sp. (undetermined)
Trisetum sp. (unnamed) (plants slender; lf sheath glabrous or nearly so) (unc)

SEDGES

Bolboschoenus fluviatilis (unc)
Carex dissita s.s.
C. flagellifera
C. forsteri
C. inversa
C. lambertiana
C. maorica
C. secta s.s.
C. solandri
C. virgata
C. solandri
C. sp. (unnamed; aff. *C. geminata*)
Cyperus ustulatus (unc)
Eleocharis acuta
E. sphacelata
Isolepis reticularis

Schoenoplectus validus
Uncinia banksii (unc)
U. laxiflora (unc)
U. scabra
U. uncinata
U. zotovii (unc)

RUSHES AND ALLIED PLANTS

Juncus australis
J. distegus (unc)
J. grigiiflorus
J. sarophorus
Luzula picta s.s. (unc)

MONOCOT HERBS OTHER THAN ORCHIDS/GRASSES, SEDGES, RUSHES AND ALLIED PLANTS

Arthropodium candidum
Astelia solandri (unc)
Lemna sp. (*L. minor* auct. N.Z.)
Lepilaena bilocularis
Phormium cookianum
Potamogeton sp.

COMPOSITE HERBS

Gnaphalium gymnocephalum
Leptinella squarida s.s.
Senecio rufiglandulosus var. *rufiglandulosus* (unc)

DICOT HERBS OTHER THAN COMPOSITES

Acaena anserinifolia
Australina pusilla

- Callitriche petrici ssp. petrici
- Cardamine sp. (C. debilis agg.)
- > ("Narrow Petal" of Pritchard 1957)
- Epilobium insulare (unc)
- E. neoteroides
- E. nummulatū folium
- E. pedunculare ss (unc)
- E. pubens (unc)
- E. rotundifolium
- Galium propinquum (unc)
- Geranium ^{sp. (unnamed; aff. G)} microphyllum (unc)
- Haloragis erecta ssp. erecta (unc)
- Hydrocotyle elongata
- H. heteromera
- H. moschata (unc)
- H. novae-zeelandiae ss
- Mazus novaezeelandiae
- Myosotis forsteri (unc)
- M. spathulata (unc)
- Myriophyllum propinquum
- Nertera depressa (incl. N. cunninghamii) (unc)
- N. sp. (unnamed; aff. N. dichondrifolia) (hairs present on both surfaces of leaf, straight, not hooked as in N.d.)
- Oxalis exilis
- Parietaria debilis
- Plantago raoulii (unc)
- Ranunculus amphitrichus
- R. reflexus
- Schizaelema trifoliolatum (unc)
- Stellaria decipiens (incl. S. parviflora)
- Urtica incisa
- Viola filicaulis (unc)

No. of species: 182.

REFERENCE

Pritchard, G. G. 1957: Trans. R. Soc. N.Z. 85:75-89.

> (insert above)

Dichondra sp. (unnamed) (stems slender; lvs very slightly emarginate, both surfaces covered with scattered hairs, erect on upper surface, appressed on lower surface; fls 4-5mm diam.; sepals = or > corolla lobes, between which they are conspicuous)

