

Indigenous Vascular Plants of Maungakotukutuku Valley,
including Eastern Ridge and Maunganui (2322')

With Bot. Soc. [C.C. Ogle (for 7/11/76)]

List compiled from numerous visits: 3/2/73, 29-31/12/73, 2/12/75, 14/2/76,
31/3 - 2/4/76, 7/8/76 (with Bot. Soc.). Also several from List 34 of A.P. Druc
for "Mt Maunganui", not seen again on 7.8.76. Also records from earlier
Bot. Soc. lists passed on to me by R. Lewington (marked †) (u) = unconfirmed
on 7.8.76 1976 Bot. Soc. †

GYMNOSPERMS

- Dacrydium cupressinum
- Podocarpus ~~dacrydioides~~
- P. ferrugineus
- P. hallii
- P. spicatus
- P. hallii x P. nivalis (?) [A.P.D.]

- Griselinia littoralis
- G. lucida
- Hebe stricta var. atkinsonii
- Hedycarya arborea
- Knightia excelsa
- Laurelia novae-zelandiae
- Leptospermum ericoides
- L. scoparium (on summit only)
- Lophomyrtus bullata

MONOCOT TREES

- Cordyline indivisa
- Rhopalostylis sapida

DICOT TREES & SHRUBS

- Alseuosmia pusilla
- Aristotelia serrata
- Beilschmiedia tawa
- Brachyglottis repanda
- Carpodetus serratus
- Cassinia leptophylla
- Coprosma areolata
- C. australis
- C. foetidissima
- C. lucida
- C. propinqua
- C. rhamnoides
- C. robusta
- C. rotundifolia
- C. tenuicaulis
- C. sp. (mountain sp. incl. in C. parviflora by Allan¹⁹⁶¹)
- C. rob. x prop.
- Cyathodes empetrifolia
- C. fasciculata
- Dracophyllum filifolium
- Elaeocarpus dentatus
- E. hookerianus
- Fuchsia excorticata
- Gaultheria antipoda
- G. sp. (un-named, incl. in G. depressa as var. nz by Franklin 1962.)

- Macropiper excelsum
- (†) Melicytus lanceolatus
- M. ramiflorus
- Meiosideros robusta
- Mida salicifolia
- Myrsine australis
- M. divaricata
- M. salicina
- Neomyrtus pedunculata
- (u) Nestegis sp.
- Olzaria arborescens
- (u) O. paniculata (planted?)
- O. lacunosa
- O. rani
- O. solandri
- Paratrophis microphylla
- Pennantia corymbosa
- Pentachondra pumila
- (†) Pimelea sp.
- Pittosporum cornifolium
- P. eugenioides
- Pseudopanax arboreus
- P. colensoi
- P. crassifolius
- P. edgerleyi
- P. simplex var. sinclairii
- Pseudowintera axillaris
- P. colorata
- Schefflera digitata
- (†) Senecio kirkii
- Salanum aviculare

MONOCOT. LIANES

- Freycinetia baueriana* ssp. *banksii*
Ripogonum scandens

DICOT. LIANES

- (†) *Clamatis forsteri*
C. paniculata
Metrosideros diffusa
M. fulgens
M. perforata
Muehlenbeckia australis
Parsonsia heterophylla
 (u) *Passiflora tetrandra*
Rubus cissoides

DICOT HERBS other than Composites

- Acaena anserinifolia*
 (u) *V. novae-zelandiae*
Australina pusilla
Callitriche muelleri
Cardamine sp. "long style = broad petal"
Dichondra repens [C. "apetalous"
 C. "narrow petal"
 C. "glossy leaf"]
Epilobium brunnescens
E. insulare
E. nerteroides
E. nummularifolium
E. pedunculare (incl. *E. linnasoides*)
E. pubens
E. rotundifolium
Geranium microphyllum
Sonocarpus micranthus (= *Haloragis micrantha*)
Hydrocotyle americana
H. elongata
H. moschata } *Hypericum japonicum*
Jovellana repens
Myriophyllum propinquum
Nertera depressa
N. setulosa
Oxalis sp. (≈ 6mm diam. yellow fl.)
Ranunculus hirtus
Stellaria parviflora
Urtica incisa
Viola filicaulis
Wahlenbergia marginata

COMPOSITE HERBS

- Cotula membranacea*
Gnaphalium auctax
 (u) *G. gymnocephalum*
 (u) *G. ilmosum* *G. involucreatum*
G. sphaericum
G. sp. (luteo-albam agg.)
Helichrysum filicaule
H. kerriense *H. bellidioides*
 (u) *Lagenifera pumila*
Raoulia glabra
 (u) *R. tenuicaulis*
Senecio minimus
Gnaphalium kerriense x *Helichrysum bel...*
 Lior

ORCHIDS

- Aporostylis bifolia* ~~...~~
 (u) *Bulbophyllum pygmaeum*
Caladenia ednaea *Chiloglottis car...*
Dendrobium cunninghamii
 (u) *Drymoanthus adversus*
 (u) *Earina autumnalis*
E. mucronata
 (u) *Gastrodia cunninghamii*
 (u) *Microtis unifolia* *Orthoceros stric...*
 (u) *Pterostylis banksii* *P. montana*
Thelymitra longifolia
T. pauciflora

SEDGES

- Carex dissita*
 (u) *C. forsteri*
 (u) *C. solandri*
 (u) *C. virgata*
C. sp. (section *Acutae*)
 (u) *Eleocharis acuta*
 (u) *E. gracilis*
Gahnia pauciflora
G. setifolia
Oreobolus pectinatus
O. strictus
Schoenus maschalinus
 (u) *Scirpus cernuus*
S. habrus
 (u) *S. inundatus* (?)
 (u) *S. prolifer*
 (u) *S. reticularis*
Uncinia astonii
U. banksii
 (u) *U. ferrugineus*
U. filiformis
U. gracilentia
U. spectris

RASSES

- Agropyron kirkii
- Chionochloa conspicua var. cunninghamii
- Cortaderia toetoe C. fulvida
- (*) Dichelachne crinita
- Microlaena avenacea
- (*) M. stipoides
- Notodanthonia gracilis
- (u) N. penicillata
- (u) N. racemosa

RUSHES

- (u) Juncus australis
- J. gregiflorus
- J. novae-zelandiae [A.P.D.]
- J. planifolius
- (u) J. sarophorus
- R Luzula picta ss.

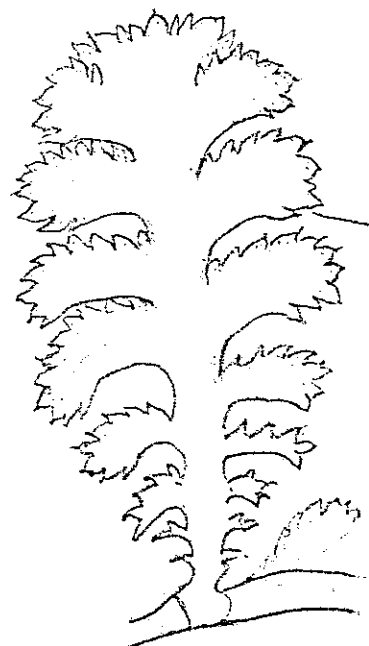
OTHER MONOCOT HERBS

(All except sedges, rushes, orchids, grasses)

- Astelia fragrans
- A. solandri
- Colloospermum hastatum
- C. microspermum
- Dianella nigra
- (*) Lemna minor
- Libertia grandiflora
- (u) L. ixioides
- Luzuriaga parviflora
- Spirodela oligorhiza
- Triglochin striata
- Typha (muelleri) orientalis

FERN ALLIES

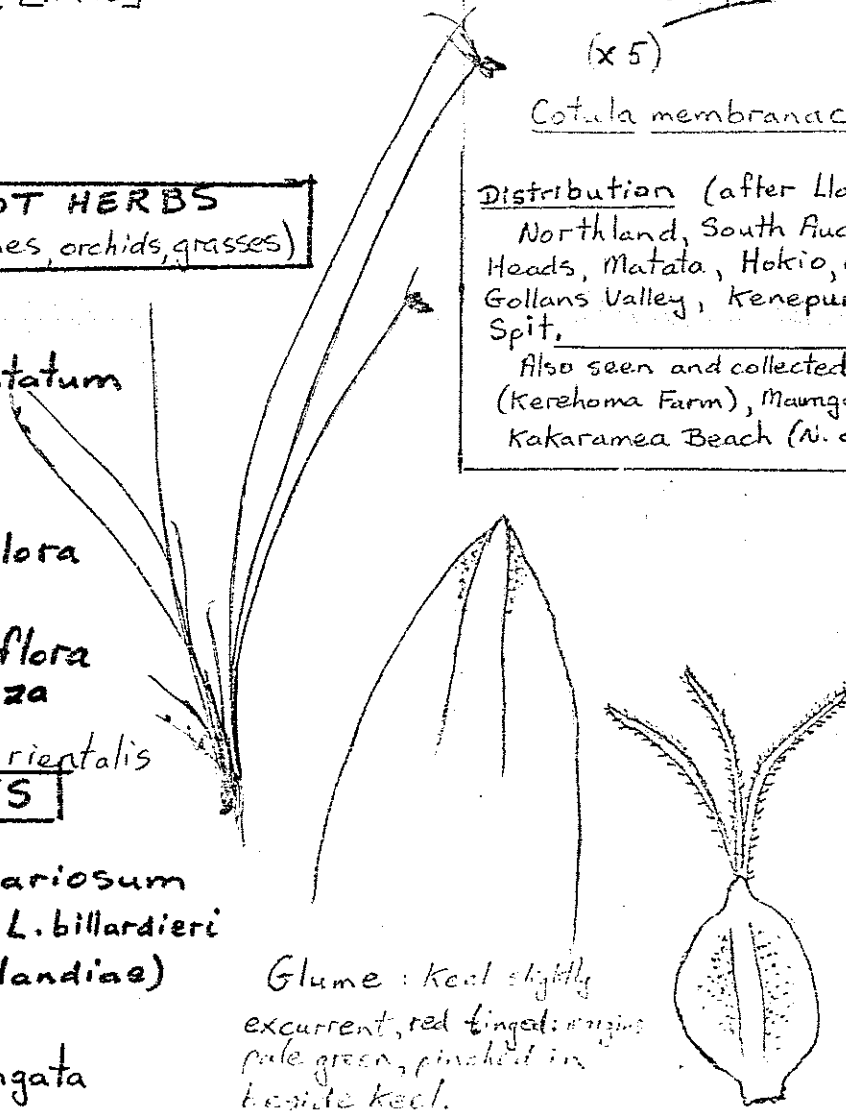
- Lycopodium scariosum
- L. varium (incl. L. billardieri and L. novae-zelandiae)
- L. volubile
- Tmesipteris elongata
- T. tannensis



Teeth on margin of pinnae as well as upper margin

Cotula membranacea

Distribution (after Lloyd 1972)
 Northland, South Auckland, Waikato Heads, Matata, Hokiio, Otaki Gorge Road, Gollans Valley, Kenepuru Sound, Fare Spit.
 Also seen and collected Pukerua Bay (Kerehoma Farm), Maungakotukutuku Stream, Kakaramea Beach (N. of Patea).



Glume: Keel slightly excurrent, red tinged; margins pale green, pinched in basile keel.

Nut: trigonous

Scirpus reticularis Maungakotukutuku Stream: in stagnant backwater of gravel river
 3.2.73 Note proliferating flower head.

FERNS

- Anarthropteris lanceolata
- Arthropteris tenella
- Asplenium bulbiferum
- (u) ~~A. colensoi~~ A. flaccidum ssp. flaccidum
- ~~A. falcatum~~
- A. hookerianum (incl. A. colensoi)
- A. lucidum
- A. ~~polyodgry~~ ~~sp. (A. flaccidum agg.)~~
- ~~common forest sp.~~
- A. lucidum x A. ~~sp. flacc.~~ ~~A. hook.~~ ~~A. bulb.~~
- Azolla rubra
- Blechnum chambersii
- B. dissolor B. colensoi
- B. filiforme
- B. fluviatile
- B. membranaceum ~~(A. nitidum)~~
- ~~B. ...~~
- B. nigrum
- B. procerum
- B. sp. (a) (B. capense agg.: common lowland sp.)
- B. sp. (b) (B. capense agg.: bog sp.)
- B. procerum x B. sp. (a) B. cham. x B. mem.
- (u) Botrychium australe var. australe
- Cardiomanes reniforme
- Cteropteris heterophylla
- Cyathea dealbata
- C. cunninghamii
- C. medullaris
- C. smithii
- Dicksonia fibrosa
- D. squarrosa
- Gleichenia cunninghamii
- G. dicarpa
- Grammitis billardieri G. ciliata
- Histiopteris incisa
- Hymenophyllum armstrongii
- H. bivalve
- H. demissum
- H. dilatatum
- H. ferrugineum
- H. flabellatum
- H. flexuosum
- (t) H. lyallii

- H. multifidum
- H. pulcherrimum
- H. rarum
- H. revolutum
- H. sanguinolentum
- H. scabrum
- Hypolepis rufobarbata
- H. rugosula
- (u) H. tenuifolia
- Lastreopsis glabella
- L. hispida
- Leptolepia novae-zelandiae
- Lindsaea trichomanoides
- Ophioglossum sp.
- Paesia scaberula
- Pellaea rotundifolia
- Phymatodes diversifolium
- P. scandens
- Polystichum richardii
- P. silvaticum
- P. vestitum
- Pteridium aquilinum var. esculentum
- Pteris macilenta
- P. tremula
- Pyrrosia serpens
- Rumohra adiantiformis
- Todea hymenophylloides
- T. superba
- T. hymenophylloides x T. superba
- Thelypteris penniger
- (u) Trichomanes elongatum
- T. venosum
- T. endlicherianum

No. of fern spp. = ~~121~~ ~~122~~

Fern allies = 5

Gymnosperms = 5

Monocots. = ~~71~~ 71 (+ 1 doubtful)

Dicots. = 121 (+ 2 ..)

TOTAL = 274

Hybrids = ~~7~~ 7