

HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING  
PLANTS) OF LIMESTONE PLATEAU, N.W. RUAHINE RANGE,

3300-4415 FT / 1000-1345 M

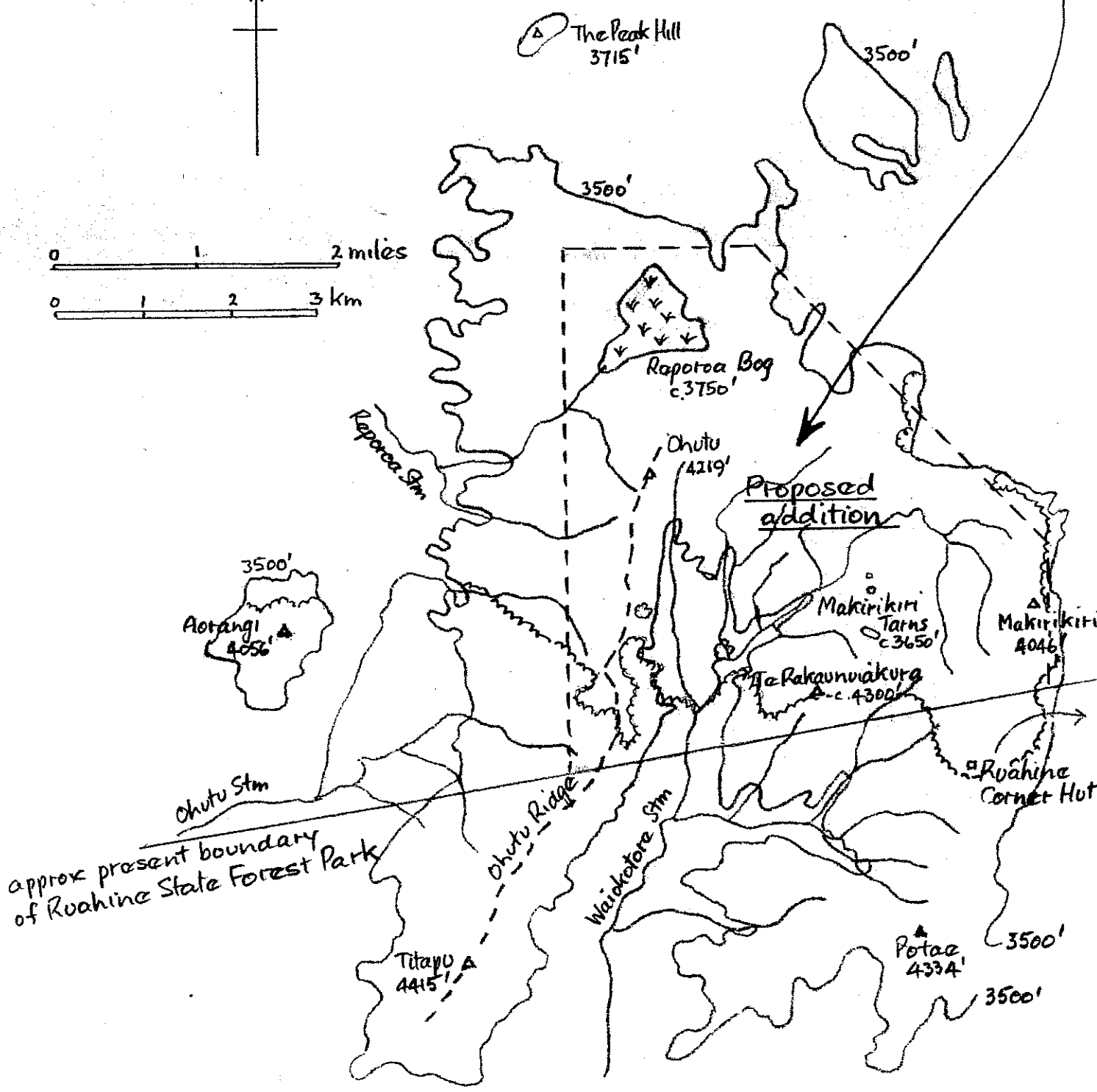
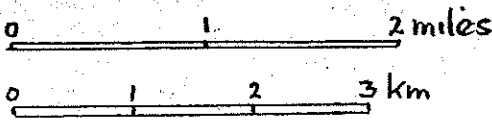
		NZMI N133
Including Reporoa Bog	c. 3750 ft	59-28-
Makirikiri Tarns	c. 3650 ft	61-24-
Aorangi	4056 ft	54-24-
Makirikiri	4046 ft	63-24-
Potae	4334 ft	62-20-
N133 591267 → Ohutu	4219 ft	59-26-
Titapu	4415 ft	56-20-
Te Rakaunuiakura	c. 4300 ft	61-23

A.P. Druce, Botany Division, D.S.I.R., 1973

(revised July 1974, Dec. 1974,  
March 1975, July 1975,  
July 1976, Nov. 1976,  
April 1977, May 1977,  
May 1979, June 1979,  
May 1980,  
July 1981,  
April 1983, Nov. 1983,  
June 1984,  
May 1985, July 1985,  
April 1986, Nov. 1986,  
July 1987,  
June 1990, Oct. 1990,  
June 1991,  
May 1992)

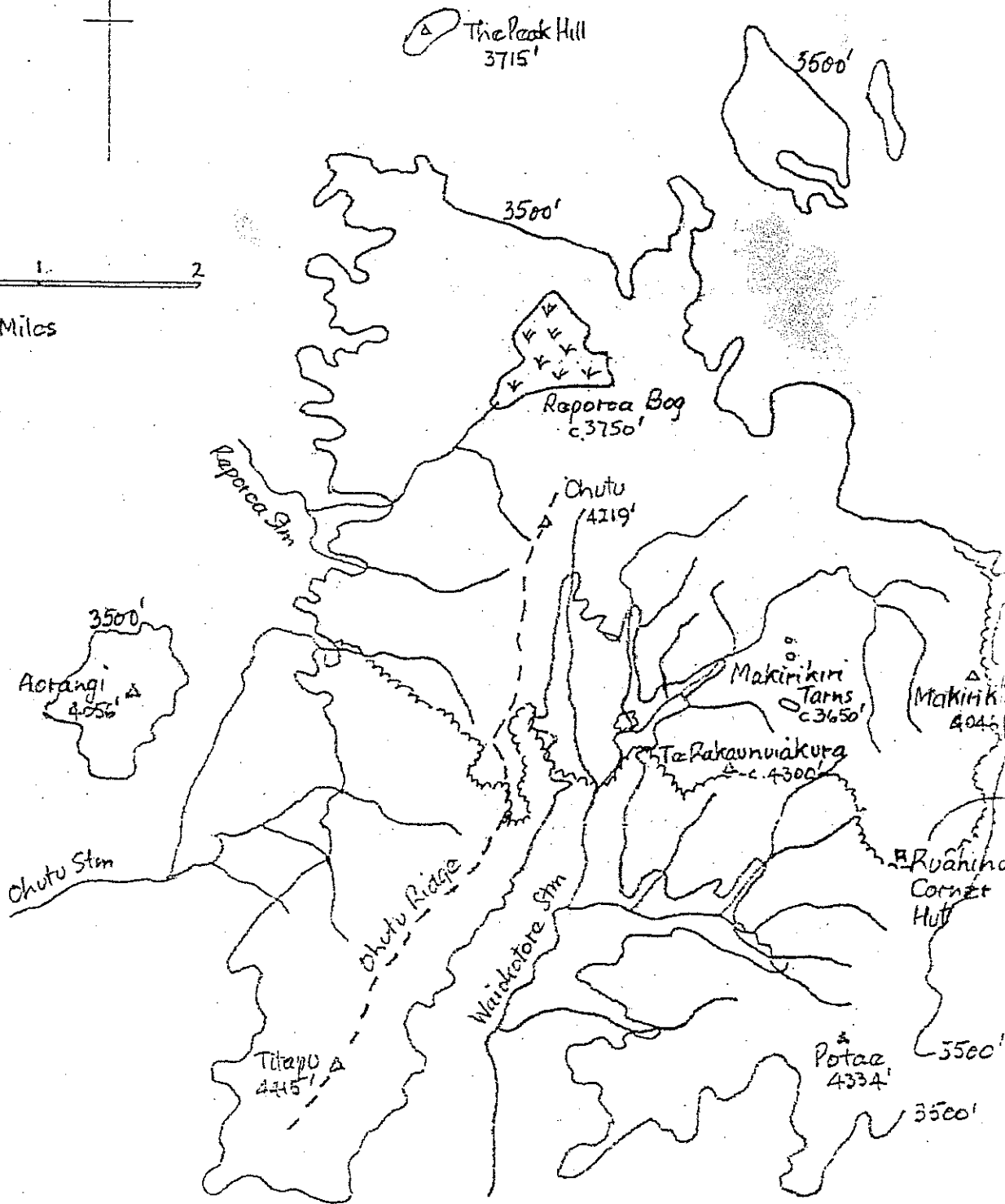
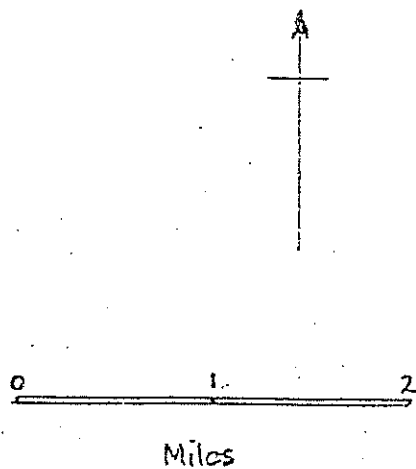
Based on observations 1941-1992

Land above 3500 ft, N.W. Ruahine limestone plateau, showing proposed addition to Ruahine State Forest Park (boundaries approx.)



Forest  
Tussock land and  
shrub-tussock land

# Land above 3500 ft, N.W. Ruahine limestone plateau



(unc) - uncommon or local

INDIGENOUS PLANTS

GYMNOSPERM TREES AND SHRUBS

- Halocarpus bidwillii
- H. biformis
- Lepidothamnus laxifolius (unc)
- Libocedrus bidwillii
- Phyllocladus alpinus ss.
- Podocarpus hallii (unc)
- P. nivalis (unc)
- P. hallii x P. nivalis (unc)

MONOCOT TREES

- Cordyline indivisa (unc)

DICOT TREES

- Carpodetus serratus (unc)
- Elaeocarpus hookerianus (unc)
- Fuchsia excoaricata (unc)
- Grisebinia littoralis
- Pittosporum tenuifolium ssp. tenuifolium (unc)
- P. turneri (unc)
- Pseudopanax edensei s.s. (unc)
- P. simplex (incl. P.s. var. sinclairii)
- Nothofagus fusca
- N. solandri var. cliffortioides

DICOT SHRUBS

- Aristotelia fruticosa var. microphylla (unc)
- A. f. var. subretecta
- A. fruticosa x A. serrata (unc)

- Brachyglottis repanda s.s. (unc)
- B. rotundifolia var. (B. elaeagnifolia) (unc)
- Carmichaelia sp. (subgenus Carmichaelia) (unc)

Cassinia vauvilliersii

Coprosma cheesemanii s.s.  
C. colensoi s.s.

C. depressa  
C. foetidissima

C. microcarpa (unc)

C. perpusilla ssp. perpusilla

C. propinqua ssp. propinqua (incl. C.p. var. latiuscula)

C. pseudocuneata ssp. pseudocuneata

C. robusta (unc)

C. rugosa ssp. rugosa

C. tenuifolia (unc)

C. sp. (i) (unnamed; included in C. parviflora by Oliver, 1935, and others) (lf undersurface not minutely hairy as is usual in C. parviflora; drupes vs. unpigmented, occ. purplish red)

C. sp. (ii) (unnamed; aff. C. cheesemanii) (lvs broader than in C. cheesemanii)

C. sp. (iii) (unnamed) (C. parvi-

- flora var. dumosa Allan 1961,  
 non C. p. var. dumosa Cheeseman)
- C. propinqua X C. tenuifolia (unc)  
 C. robusta X C. tenuifolia (unc)  
 Coriaria arborea (unc)  
 C. kingiana  
 C. plumosa (unc)  
 C. pteridoides  
 C. arborea X C. kingiana (unc)  
 C. a. X C. pteridoides (unc)  
 C. kingiana X C. pteridoides  
 Cyathodes empetrifolia  
 Dracophyllum longifolium var.  
 (incl. D. filifolium and D.  
 diveri)  
 D. recurvum (unc)  
 D. longifolium X D. recurvum  
 (unc)
- Epacris alpina (unc)  
 Gaultheria antipoda (unc)  
 G. rupestris (incl. G. subcorym-  
 bosa) (unc)  
 G. sp. (unnamed; included in G.  
 depressa as var. novae-zel-  
 andiae, by Franklin 1962)  
 G. antipoda X G. sp. (unnamed) (unc)  
 G. rupestris X G. sp. (unnamed) (unc)  
 Hebe macrocarpa var. (H. cor-  
 riganii) (unc)  
 H. odora s.s.
- H. stricta var. stricta  
 H. subalpina var. (H. truncatula)  
 H. odora X H. tetragona (unc)  
 H. stricta X H. truncatula (unc)  
 Kunzea ericoides agg. (unc)  
 Leptospermum scoparium  
 Leucopogon fasciculatus var. (unc)  
 L. fraseri s.s.  
 L. suaveolens (incl. Cyathodes  
 colensoi) (unc)  
 Melicytus alpinus s.s. (unc)  
 Myrsine divaricata s.s.  
 M. nummularia (Potae) (unc)  
 Neomyrtus pedunculata  
 Olearia arborescens  
 O. colensoi var. colensoi (Potae  
 and Titapu)  
 O. ilicifolia  
 O. nummulatifolia var. nummul-  
 atifolia (unc)  
 O. virgata var. (lvs smaller than  
 in var. virgata) (unc)  
 O. arborescens X O. ilicifolia  
 (unc)  
 Pentachondra pumila  
 Peraxilla tetrapetala (unc)  
 Pimelea buxifolia (Potae) (unc)  
 P. prostrata  
 P. suteri var. (P. oreophila)  
 Pittosporum rigidum var.  
 rigidum (Ohotu Ridge)  
 Pseudopanax anomalus (unc)  
 Pseudowintera colorata

**DICOT LIANES**

- Clematis forsteri*
- C. quadribracteolata* (unc)
- Muehlenbeckia australis* (unc)
- Rubus cissoides* var. (leaflets narrower than in var. *cissoides*)
- R. schmideloides* var. *schmideloides*

**LYCOPODS**

- Lycopodium australianum* (unc)
- L. fastigiatum*
- L. laterale* (incl. *L. ramulosum*)
- L. scariosum*
- L. varium* (incl. *L. billardierei* and *L. novae-zelandicum*) (unc)

**FERNS**

- Adiantum cunninghamii*
- Asplenium bulbiferum* agg.
- A. flaccidum* (unc)
- A. hookerianum* (unc)
- A. lyallii*
- A. terrestre* ssp. *terrestre* (unc)
- Blechnum chambersii*
- B. colensoi* (unc)
- B. discolor*
- B. fluviatile* agg.
- B. membranaceum* (unc)
- B. penna-marina*
- B. procerum*
- B. vulcanicum*
- B. sp. (i)* (unnamed) (common low-land sp.; lower pinnae reduced

- in length) (unc)
- B. sp. (ii)* (mountain sp.; lower pinnae not reduced) ("The Dunedin-Cass Variety" of Crookes 1963) (unc)
- Botrychium australe* (unc)
- Ctenopteris heterophylla* (unc)
- Cyathea colensoi*
- Cystopteris tasmanica*
- Dicksonia fibrosa* (unc)
- D. lanata* s.s.
- Gleichenia dicarpa*
- Grammitis billardierei*
- G. magellanica* ssp. *nothofageti*
- G. patagonica*
- G. poeppigiana* (unc)
- G. patagonica* X *G. poeppigiana* (unc)
- Histiopteris incisa*
- Hymenophyllum malinigi*
- H. multifidum*
- H. pettatum* (unc)
- H. pulcherrimum* (unc)
- H. rarum* (unc)
- H. rufescens* (unc)
- H. villosum*
- Hypolepis millefolium*
- H. rufobarbata* (unc)
- Leptopteris superba* (unc)
- L. s. X L. hymenophylloides* (unc)
- Ophioglossum coriaceum* agg.
- Paesia scaberula* (unc)
- Phymatosorus pustulatus* (unc)
- Polystichum vestitum*
- Pteridium esculentum* (unc)

*Schizaea australis* (unc)  
*Sticherus cunninghamii*

### ORCHIDS

*Aporostylis bifolia*  
*Caladenia lyallii* (unc)  
*Chiloglottis cornuta*  
*Corybas macranthus*  
*C. rivularis* s.s.  
*C. trilobus* s.s.  
*Gastrodia cunninghamii* (unc)  
*Microtis oligantha*  
*M. unifolia*  
*Prasophyllum colensoi*  
*Pterostylis tristis* (unc)  
*P. patens*  
*P. venosa* (unc)  
*Thelymitra cyanea*  
*T. decora*  
*T. hatchii*  
*T. longifolia*

### GRASSES

*Agrostis dyeri* s.s.  
*A. muscosa*  
*A. personata*  
  
*Chionocholea conspicua* ssp.  
*cunninghamii*  
*C. pallens* ssp. *pallens* (unc)  
  
*C. rubra* ssp. *rubra*

*C. conspicua* X *C. rubra* (unc)  
*C. pallens* X *C. rubra* (unc)  
*Cortaderia fulvida*  
*Deschampsia caespitosa* var.  
*macrantha* (unc)  
*D. novae-zelandiae*  
*D. tenella*  
*Deyeuxia aucklandica* (unc)  
*D. avenoides* (incl. *D. a.* var. *brachyantha*)  
*D. sp.* (*D. quadrisetata* agg.) (1 vs narrow) (unc)  
*Dichelachne erinita* (unc)  
*Elymus laevis* (unc)  
*E. narduroides*  
*E. sp.* (aff. *E. tectisetus*) (Series 2, Group Waioutu, of Löve and Connor, 1982)  
*E. laevis* X *E. narduroides* (?) (unc)  
*Festuca multinodis*  
*F. novae-zelandiae*  
*Hierochloa recurvata*  
*H. redolens*  
*Lachnagrostis striata*  
*L. sp.* (i) (unnamed; included in *L. filiformis*, as var. *semiglabra*, by Zotov 1965)  
*L. sp.* (ii) (unnamed) (tall slender plants with narrow lvs; awns short) (unc)  
*L. striata* X *L. sp.* (i) (?) (unc)  
*Microlaena avenacea*  
*Poa anceps* ssp. *anceps*

- P. breviglumis*  
*P. cita* ssp. (lvs narrow, needle like, rounded + smooth across back)  
*P. colensoi*  
*P. imbecilla*  
*P. pusilla*  
*P. sp.* (unnamed; aff. *P. novae zelandiae*) (Potae) (unc)  
*Rytidosperma australe* (Ohutu Ridge)  
*R. buchananii*  
*R. clavatum* (unc)  
*R. gracile*  
*R. setifolium*  
*R. viride* (unc)  
*Trisetum sp.*(i) (unnamed) (plants slender; lf sheath glabrous or nearly so; lf blade upto 2.5mm wide) (unc)  
*T. sp.*(ii) (unnamed; aff. *T. antarcticum*) (lf sheath densely hairy; lf blade margins with hairs)
- C. echinata* var. (*C. stellulata* var. *australis*)  
*C. flagellifera* (unc)  
*C. gaudichaudiana*  
*C. inversa* (unc)  
*C. rubicunda*  
*C. secta* s.s. (unc)  
*C. sinclairii*  
*C. solandri*  
*C. testacea* s.s.  
*C. sp.* (Sect. *Acutae*)  
*C. echinata* x *C. secta* (unc)  
*C. rubicunda* x *C. dipsacea* var.  
*Carpha alpina* s.s.  
*Eleocharis acuta* (unc)  
*E. gracilis*  
*Isolepis caligenis*  
*I. crassiuscula*  
*I. fluitans* (unc)  
*I. habra*  
*I. pottsii*  
*I. subtilissima*  
*Oreobolus pectinatus*  
*Schoenus fluitans* (unc)  
*S. pauciflorus* s.s. (= "slender form" of Edgar 1970, p 194)  
*Uncinia caespitosa*  
*U. clavata*  
*U. distans* (unc)  
*U. egmontiana*  
*U. ferruginea*  
*U. filiformis*  
*U. fuscovaginata* var. *fuscovaginata* (unc)

### SEDGES

- Carex astonii* (unc)  
*C. breviculmis* (unc)  
*C. comans*  
*C. coriacea*  
*C. dipsacea* var. (*C. tahoata*)  
*C. dissita* s.s.



*U. longifructus* (unc)

*U. rubra*

*U. rupestris* (incl. *U. angustifolia*)

*U. silvestris* (incl. *U. affinis*)

*U. uncinata* (unc)

*U. zotovii* (unc)

*U. sp.*(i) (*U. divaricata*?) (Potae) (unc)

*U. sp.*(ii) (unnamed; aff. *U. nervosa*)  
(more slender than *U. nervosa*)

(see Edgar 1970, p. 231) (unc)

*U. sp.*(iii) (unnamed) (*U. affinis* Ham-  
lin 1959, non *U. riparia* var. *affinis*  
is Col. ex Clarke; see Nootboom  
1978)

### MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES, RUSHES

*Astelia fragrans*

*A. sp.* (unnamed; aff. *A. nervosa*)  
(lvs not conspicuously white ad-  
axially as in *A. nervosa*)

*Bulbinella hookeri*

*Herpolition novae-zelandiae*

*Libertia ixioides* (unc)

*L. pulchella* (unc)

*Luzuriaga parviflora*

*Phormium cookianum*

*Potamogeton soboblongus*

*Triglochin striata* (unc)

### RUSHES

*Centrolepis ciliata*

*C. pallida* (unc)

*Empodisma minus*

*Juncus antarcticus*

*J. gregiflorus*

*J. novae-zelandiae*

*J. pallidus* (unc)

*J. pusillus* (unc)

*Luzula decipiens* (unc)

*L. leptophylla* (unc)

*L. migrata*

*L. subclavata*

*L. sp.* (unnamed; included in *L.*  
*picta*, as var. *limosa*, by Edgar  
1966)

### COMPOSITE HERBS

*Abrotanella caespitosa*

*Anaphalis sobrigida* (unc)

*A. sp.*(i) (unnamed; aff. *A. keriansis*)  
(lvs shorter, and capitula smaller,  
than in *A. keriansis*)

*A. sp.*(ii) (*Helichrysum bellidioides* ss.)

*A. sp.*(iii) (unnamed; aff. *H. bellidi-*  
*oides*) ("*H. alpinum*" of Cockayne  
1928) (lvs and capitula larger  
than in *H. bellidioides*)

*Brachyglottis lagopus* var. *lagopus*

*Brachyscome radicata*

*Celmisia glandulosa* ssp. *gland-*  
*ulosa* (incl. *C. g.* var. *latifolia*)

*C. gracilentata* ssp.

*C. incana* (incl. *C. discolor*) (Ohutu  
ridge) (unc)

*C. spectabilis* ssp. *spectabilis*

Celmisia sp. (unnamed; aff. C. gracilenta) (plants strongly rhizomatous)

C. gracilenta X C. spectabilis (unc)

Craspedia minor var. minor (incl. C. major)

C. viscosa

C. sp. (i) (unnamed) (plants summer-green; lvs small, green; both surfaces densely clad in multicellular non-glandular hairs, with or without cottony tips, over short glandular hairs; margins ± white with cottony hairs; capitula small, 0.8-1.5 cm diam; fls white)

C. sp. (ii) (unnamed) (plants summer-green; lvs green, or greenish white; both surfaces densely clad in multicellular, non-glandular hairs, with cottony tips, over short glandular hairs; margins white with cottony hairs; capitula large, 1.8-2.5 cm diam; fls white)

Gnaphalium acida

G. delicatum (unc)

G. linosum ss.

G. machrayi ss.

G. paludosum ss.

G. polylepis (unc)

G. wahinicum

G. traversii

G. sp. (unnamed; aff. G. paludosum)

(lvs small, linear, green on upper surface)

Helictysum filicaule

Lagenifera cuneata

L. pinnatifida

L. pumila

L. strangulata

Leptiella sp. (unnamed; aff. L. squalida)

Microseris scapigera var.

Pseudognaphalium sp. (unnamed; aff. P. luteoalbum) (mountain sp; lvs mostly oblong-spathulate to narrow oblong, rounded)

Raoulia glabra (Ohutu Ridge) (unc)

R. tenuicaulis (incl. R.t. var. dimorpha and R.t. var. pusilla) (unc)

Senecio glaucophyllus ssp. toa (Te Rakaunuiakura) (unc)

S. glomeratus (unc)

S. minimus (unc)

S. tufiglandulosus var. tufiglandulosus

S. waitavensis

Vittadinia australis agg. (unc)

DICOT HERBS OTHER THAN/

COMPOSITES

Acaena anserinifolia

A. juvenca

A. profunda incisa

A. torida (unc)

Aciphylla colensoi var. colensoi

A. sp. (unnamed; aff. A. squarrosa)

Anisotome aromatica

Australina pusilla (unc)

Cardamine sp. (i) (C. debilis agg.)

("Narrow Petal" of Pritchard 1957)

- C. sp. (ii)* (*C. debilis* agg.) ("Long Style" of Pritchard 1957)  
*C. sp. (iii)* (*C. debilis* agg.) (cf. "Glossy Leaf" of Pritchard 1957)  
*C. sp. (iv)* (unnamed) (*C. debilis* var. b of Allan 1961)  
*C. sp. (v)* (aff. *C. corymbosa*)  
*Centella uniflora* (unc)  
*Colobanthus apetalus* (incl. *C. a. var. alpinus*)  
*C. strictus* (unc)  
*Dichondra sp.* (unnamed; aff. *D. brevifolia*) (unc)  
*Drosera arcturi*  
*D. binata* (unc)  
*D. pygmaea* (unc)  
*D. spathulata*  
*Epilobium alsinoides* s.s.  
*E. atriplicifolium* s.s.  
*E. brunnescens* s.s. (unc)  
*E. chionanthum* (unc)  
*E. chlorifolium*  
*E. cinereum* (unc)  
*E. cockayneanum*  
*E. gracilipes*  
*E. insulare*  
*E. komarovianum* (unc)  
*E. linnaeoides*  
*E. heteroides*  
*E. nummulariifolium* (unc)  
*E. pedunculata* s.s.  
*E. pernitens* (Ohoto Ridge) (unc)  
*E. pubens* (unc)
- E. rotundifolium*  
*E. tenuipes* s.s.  
*E. sp.* (unnamed; included in *E. brunnescens*, as ssp. *minutiflorum*, by Raven and Engelhorn, 1971) (unc)  
*Euphrasia cuneata*  
*E. disperma* s.s. (corolla 5mm diam.)  
*E. revoluta* (Ohoto Ridge) (unc)  
*E. zelandica* agg.  
*Forstera tenella*  
*Galium perpusillum* s.s.  
*G. propinquum* (unc)  
*G. trilobum* (unc)  
*G. sp.* (unnamed; aff. *G. perpusillum*) (lvs narrowly elliptic, 1-3mm long, rounded to subacute; stipules slightly narrower, acute; apical bristles 0-2) (unc)  
*Gentiana bellidifolia* s.s. (unc)  
*G. grisebachii*  
*G. matthewsii* (Ohoto Ridge) (unc)  
*G. montana* (incl. *G. patula* and *G. bellidifolia* var. *pulchella*)  
*G. sp.* (unnamed; aff. *G. spenceri*) (discussed in Allan 1961 p. 769)  
*Geranium* <sup>sp. (unnamed; aff. *G. microphyllum*)</sup>  
*G. potentilloides* var. *potentilloides*  
*G. sessiliflorum* var. *novae-zelandiae*  
*Geum leospermum*  
*G. sp.* (*G. parviflorum* agg.) (stock short; terminal leaflet about as

- long as broad; fls upto 13mm diam.)  
 (Potae and Titapu) (unc)  
*Glossostigma etatinoides* (unc)  
*Gonocarpus aggregatus*  
*G. micranthus* ssp. *micranthus*  
*Gunnera dentata* var. *dentata*  
*G. monica*  
*Hydrocotyle elongata* (unc)  
*H. heteromeria*  
*H. hydrophila* (unc)  
*H. microphylla*  
*H. moschata*  
*Hypericum japonicum* agg.  
*H. sp.* (unnamed) (plants smaller than in *H. japonicum*) (unc)  
*Hypsela rivalis*  
*Kelleria laxa*  
*Lilaeopsis ruthiana* (unc)  
*Limosella lineata* (unc)  
*Liparophyllum gunnii* (unc)  
*Mentha cunninghamii*  
*Montia fontana* ss.  
*Myosotis eximia*  
 → *M. pygmaea* ss. (unc)  
*M. tenericaulis* (unc)  
*M. spathulata* (incl. *M. s.* var. *radicata*) (unc)  
*M. sp.* (i) (unnamed; aff. *M. pygmaea*) (unc)  
*M. forsteri*  
*M. sp.* (ii) (cf. *M. venosa*)  
*Myriophyllum pedunculatum*  
 var. *novae-zealandiae*  
*Nertera balfouriana*  
*N. ciliata*  
*N. depressa* (incl. *N. cunninghamii*) (unc)  
*N. scapanioides* (unc)  
*N. sp.* (unnamed; aff. *N. dichondrifolia*) (hairs present on both surfaces of lf, straight, not hooked as in *N. dichondrifolia*)  
*Oreomyza colensoi* s.s. (incl. *O. c.* var. *hispida* and *O. c.* var. *multifida*)  
*O. sp.* (unnamed; aff. *O. ramosa*)  
*Oreostylidium subulatum*  
*Ourisia colensoi*  
*O. macrophylla* ssp. *robusta*  
*O. modesta* (unc)  
*O. colensoi* X *O. macrophylla* (unc)  
*Oxalis exilis* (unc)  
*O. magellanica*  
*Parakebe diffusa* ssp. *diffusa*  
*Plantago raoulii*  
*P. triandra* s.s.  
*P. raoulii* X *P. triandra* (unc)  
*Potentilla anserinoides*  
*Pratia angulata* agg.  
*Ranunculus glabrofolius*  
*R. insignis* (Potae = Maketiki)   
*R. membranifolius*  
*R. reflexus*  
*R. royi*  
*R. simulans*  
*R. ternatifolius* (unc)

R. sp. (unnamed; included in R.  
lappaceus, as var. macrophyllus,  
by Kirk 1899)

Schizoclema colensoi

S. nitens (unc)

Scleranthus biflorus (unc)

Stellaria decipiens (incl. S. parvi-  
flora)

Tetrachondra hamiltonii

Urtica incisa

Utricularia novae-zelandiae

Viola cunninghamii

V. filicaulis

Wahlenbergia albomarginata  
var. pygmaea

W. sp. (cf. W. rupestris) (unc)

#### DOUBTFUL AND ERRONEOUS RECORDS

Meliccytus crassifolius (Aston 1915

and Elder 1965, as Hymenanthera  
crassifolia)

Myosotis petiolata (Elder 1965)

Pimelea aridula (Elder 1965)

Uncinia nervosa (Hamlin 1959)

#### INFORMAL NAME

Aciphylla squarrosa var. "minor"  
(Aston 1915)

#### ADVENTIVE PLANTS

##### GYMNOSPERM TREES

Pinus contorta (all those seen in  
1985 were dug out)

##### GRASSES

Agrostis capillaris

Aira caryophylla (unc)

Anthoxanthum odoratum

Bromus hordeaceus (unc)

Cynosurus cristatus

Dactylis glomerata

Festuca nigrescens

Glyceria declinata (unc)

Holcus lanatus

Lolium perenne

Poa annua

P. pratensis

P. trivialis

Vulpia bromoides (unc)

##### RUSHES

Juncus articulatus

J. effusus (unc)

##### COMPOSITE HERBS

Achillea millefolium (unc)

Actium sp. (unc)

Cardus tenuiflorus (unc)

Cirsium arvense

C. vulgare

Crepis capillaris (unc)

Hieracium pilosella

*Hypochoeris radicata*  
*Leontodon taraxacoides*  
*Leucanthemum vulgare*  
*Mycelis muralis*  
*Taraxacum officinale* s.l.  
*Senecio jacobaea* (unc)  
*S. sylvaticus* (unc)  
*Sonchus asper* (unc)

*Myosotis laxa* ssp. *caespitosa*  
*Prunella vulgaris*  
*Ranunculus repens* (unc)  
*Rumex acetosella*  
*Sagina procumbens*  
*Stellaria media* (unc)  
*Trifolium dubium*  
*T. repens*  
*Verbascum thapsus* (unc)  
*Veronica serpyllifolia*

DICOT HERBS (OTHER THAN/  
COMPOSITES)

*Acaena novae-zelandiae*  
*A.n.z. x A. litoralis* (unc)  
*Arenaria serpyllifolia*  
*Callitriche stagnalis* (unc)  
*Capsella bursa-pastoris* (unc)  
*Cerastium fontanum* ssp.  
*vulgare*  
*Epilobium ciliatum* (unc)  
*Erodium cicutarium*  
*Geranium molle* (unc)  
*Linum catharticum*  
*Lotus pedunculatus*  
*L. suaveolens*

No. of indigenous spp. : 416.

No. of adventive spp. : 53.

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(58)

INDIGENOUS VASCULAR PLANTS OF HOROHORO BLUFF,<sup>†</sup>

SOUTHERN MAMAKU RA., 1500-2750 FT.

†Ghid ref. N 85 60-88-

A.P. Druce, Botany Division, D.S.I.R., 1972 (revised Apr-1974  
(Based on visit 1961)

" June 1976  
" May 1977  
" June 1979  
" Jan 1980  
" June 1980  
" June 1982  
" June 1985  
" Aug 1990

GYMNOSPERMS

*Dactyidium cupressinum*  
*Podocarpus*  
*Prumnopitys ferruginea*  
*P. taxifolia*

*Quintinia setata* (incl. *Q. acutifolia* and *Q. elliptica*)  
*Schefflera digitata*  
*Wellmannia racemosa* var. *racemosa*

DICOT TREES

*Aristotelia setata*  
*Baileismedia tawa*  
*Elaeocarpus dentatus* (incl. *E. d.* var. *obovatus*)  
*Fuchsia excorticata*  
*Griselinia littoralis*  
*Hedyotis arborea*  
*Ixerba brexioides*  
*Knightia excelsa*  
*Melicactus ramiflorus* ssp. *ramiflorus*  
*Metrosideros robusta*  
*Myrsine australis*  
*M. salicina*  
*Nestegis cunninghamii*  
*Pittosporum eugenioides*  
*P. tenuifolium* ssp. *tenuifolium*  
*Pseudopanax arboreus* var. *arboreus*  
*P. colensoi* s.s.  
*P. edgerleyi*

DICOT SHRUBS

*Alseuosmia mactophylla*  
*Brachyglottis repanda* s.s.  
*Coprosma grandifolia*  
*C. lucida* s.s.  
*C. robusta*  
*Coriaria arborea*  
*Cyathodes juniperina* var.  
{ *Leucopogon fasciculatus*  
  *L. fraseri* s.s.  
*Dracophyllum strictum*  
*D. subulatum*  
*Epactis alpina*  
*Gaultheria antipoda*  
*G. oppositifolia*  
*Goniostoma rupestre* var.  
  *ligustrifolium*  
*Kunzea ericoides* var.  
  *Leptospermum scoparium* var.  
*Olearia furfuracea* var.  
*Pimelea prostrata*