

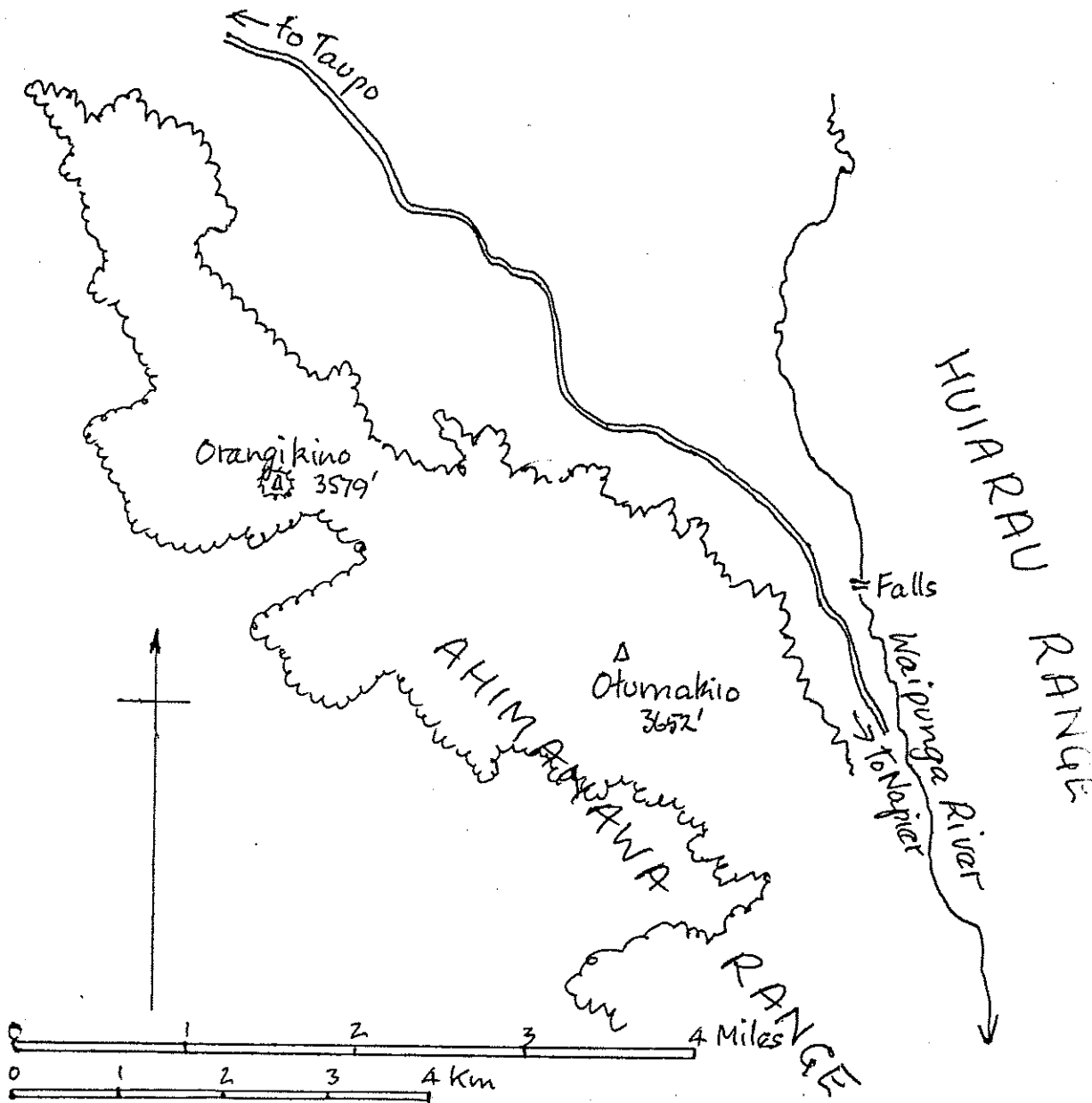
HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF MT ORANGIKINO†, AHIMANAWA RANGE,

800-1100 M / 2600-3579 FT

†Grid ref. N 104 911057, alt. 1090m/3579 ft

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(Based on visits May 1960 and Jan. 1987)



## INDIGENOUS PLANTS

(unc) - uncommon

### GYMNOSPERM TREES

*Dactyloctenium aegyptium*  
*Dacrydium cupressinum*  
*Lagarostrobos colensoi* (unc)  
*Phyllocladus alpinus* ss.  
*Podocarpus hallii*  
*Prumnopitys ferruginea*  
*P. taxifolia*

### MONOCOT TREES

*Cordyline australis*  
*C. indivisa*

### DICOT TREES

*Aristotelia serrata*  
*Carpodetus serratus*  
*Elaeocarpus hookerianus*  
*Fuchsia excorticata* (unc)  
*Griselinia littoralis*  
*Melicope lanceolata* (incl. *M.l.*  
var. *latior*)  
*M. ramiflorus* ssp. *ramiflorus*  
*Nestegis cunninghamii*  
*N. montana*  
*Nothofagus fusca*  
*N. solandri* var. *cliffortioides* (unc)  
*Pannantia corymbosa*  
*Pittosporum eugenioides* (unc)  
*P. tenuifolium*  
*Pseudopanax arboreus* var. *arboreus*  
*P. colensoi* ss.  
*P. crassifolium*  
*P. simplex* (incl. *P.s.* var. *sinclairii*)  
*Schefflera digitata*

*Quintinia serrata* (incl. *Q. auctifolia* and *Q. elliptica*)  
*Weinmannia racemosa* var. *racemosa* (unc)

### DICOT SHRUBS

*Alseuosmia pusilla* (unc)  
*Aristotelia fruticosa* var. *microphylla*  
*A.f.* X *A. serrata* (unc)  
*Brachyglottis repanda* ss.  
*B. rotundifolia* var. (*B. elaeagnifolia*)  
*Carmichaelia* sp. (subgenus *Carmichaelia*) (unc)  
*Cassinia vauvilliersii*  
*Coprosma acerosa* ssp.  
*C. cheesemani* ss.  
*C. foetidissima*  
*C. grandifolia*  
*C. propinqua* ssp. *propinqua*  
*C. robusta*  
*C. rugosa* ssp. *rugosa*  
*C. tenuifolia*  
*C. sp. (i)* (unnamed; aff. *C. cheesemani*) (lvs broader than in *C. cheesemani*)

C. sp. (ii) (unnamed; included in C. *O. nummularifolia* var. *nummulari-*  
*parviflora* by Oliver, 1935, and *folia* (unc)  
others) (If undersurface not min- *O. arborescens* X *O. ilicifolia* (unc)  
utely hairy as is usual in C. *Pimelea prostrata*  
*flora*; drupes vs. unpigmented, occ. *Pseudopanax anomalus*  
purplish red) *Pseudowintera colorata*

C. *acerosa* X C. *rugosa* (unc)

C. *propinqua* X C. sp. (C. *robusta* or **DICOT LIANES**  
C. *tenuifolia*) (unc)

C. sp. (i) X C. sp. (ii) (unc)

*Corcaria kingiana* (unc)

*Cyathodes empetrifolia*

*Dracophyllum subulatum*

*Epacris alpina* (unc)

*Gaultheria antipoda*

G. sp. (unnamed; included in G. *R. schmidelioides* var. *schmideli-*  
*depressa*, as var. *novae-zeland-*  
*iae*, by Franklin 1962)

G. *antipoda* X G. sp. (unnamed) **LYCOPODS**

G. a. X G. *macrostigma*

G. a. X *Gaultheria oppositifolia*

G. *macrostigma* X G. sp. (unnamed)

*Hebe macrocarpa* var. (*H. corrig-*  
*anii*)

*H. stricta* var. *stricta*

*H. sp.* (*Veronica arborea*) (unc)

*Kunzea ericoides* agg.

*Leptospermum scoparium*

*Leucopogon fasciculatus* var.

*L. fraseri* s.s.

*Melicope simplex*

*Myrsine divaricata* s.s.

*Neomyrtus pedunculata*

*Olearia arborescens*

*O. ilicifolia* (unc)

*Clematis foetida* (unc)

*C. paniculata*

*C. quadribracteolata* (unc)

*Muehlenbeckia australis*

*Parsonia capsularis* var.

*Rubus cissoides* var. (leaflets

narrower than in var. *cissoides*)

*R. schmidelioides* var. *schmideli-*  
*oides* (unc)

*Lycopodium australianum* (unc)

*L. deuterodensum*

*L. fastigiatum*

*L. scariosum*

*L. varium* (incl. *L. billardiæ* et al.

and *L. novae-zelandicum*) (unc)

*L. volubile*

### FERNS

*Asplenium flaccidum*

*A. gracillimum*

*Blechnum chambersii*

*B. discolor*

*B. fluviatile* agg.

*B. penna-marina*

*B. procerum*

*B. vulcanicum*

B. sp. (i) (unnamed) common  
lowland sp.; lower pinnae reduced  
in length)

B. sp. (ii) (unnamed) (mountain  
sp.; lower pinnae not reduced  
in length) ("The Dunedin-Cass  
Variety" of Crookes 1963) (unc)

B. procerum X B. sp. (i)

Botrychium biforme (unc)

Ctenopteris heterophylla

Cyathea colensoi

C. smithii

Dicksonia fibrosa

D. lanata s.s.

D. squarrosa

Gleichenia dicarpa

Grammitis billardierei

G. magellanica

Histiopteris incisa

Hymenophyllum multifidum

H. pulcherrimum (unc)

H. rarum

H. sanguinolentum agg.

Hypolepis ambigua (unc)

H. rufo-barbata

Leptopteris hymenophylloides

L. superba

L. hymenophylloides X L. superba

Ophioglossum coriaceum agg. (unc)

Paesia scaberula

Phymatosorus pustulatus

P. novae-zelandiae (unc)

Pneumatopteris pannigera (unc)

Polystichum richardii

P. vestitum

Pteridium esculantum

Pyrtosia cleagnifolia

Sticherus cunninghamii

### ORCHIDS

Aporostylis bifolia (unc)

Chiloglottis cornuta

Corybas trilobus s.s.

Microtis unifolia

Prasophyllum colensoi (unc)

Pterostylis banksii

P. sp. (unnamed; aff. P. montana)

Thelymitra decora (unc)

T. longifolia

### GRASSES

Cortaderia fulvida

Deyeuxia avenoides (incl. D. a.  
var. brachyantha)

Hierochloa redolens

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

Microlaena avenacea

M. stipoides

Poa anceps ssp. anceps (unc)

P. cita ssp.

Rytidosperma gracile

### SEDGES

Carex breviculmis

C. secta s.s.

C. solandri

C. testacea s.s.

Lepidosperma australe

Oriobolus pectinatus

*Uncinia clavata*

*U. distans*

*U. gracilentata*

*U. tubra* (unc)

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

*U. scabra*

*U. uncinata*

*U. sp.* (unnamed) (*U. affinis* sensu Hamlin 1959, non *U. hiparica* var. *affinis* Col. ex Clarke; see Nootboom 1978) (unc)

*Lagenifera pumila*

*Microseris scapigera* var. (unc)

*Pseudognaphalium sp.* (*P. luteoalbum* agg.) (lvs mostly linear-spathulate to linear, acute) (unc)

*Raoulia albosericea*

*R. glabra*

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

*Senecio minimus*

**RUSHES**

*Juncus gregiflorus* (unc)

*Luzula decipiens* (unc)

*L. picta* s.s.

*L. migrata* (unc)

*L. subclavata*

**DICOTHERBS OTHER THAN COMPOSITES**

*Acaena anserinifolia*

*Cardamine sp.* (i) (*C. debilis* agg.) (cf. "Long Style" of Pritchard 1957)

*C. sp.* (ii) (cf. *C. corymbosa*)

*Dichondra sp.* (unnamed)

*Epilobium alsinoides* s.s.

*E. chlotifolium*

*E. pubens* (unc)

*E. pedunculare* s.s.

*E. rotundifolium*

*E. tenuipes* s.s.

*E. sp.* (unnamed; included in *E. brunnescens*, as ssp. *minutiflorum*, by Raven + Engelman 1971)

*Euphrasia cuneata*

*Kallera diffenbachii*

*Gentiana grisebachii*

*Geranium* <sup>sp. (unnamed) aff. G.</sup> *microphyllum*

*G. potentilloides* var. *potentilloides*

*Gonocarpus aggregatus*

*G. micranthus* ssp. *micranthus*

*Hydrocotyle elongata*

*H. heterometra*

*H. microphylla*

*H. moschata*

*H. sp.* (unnamed; included in *H. novae-zeelandiae*, as var. *montana*, by Kirk 1899) ssp.

**MONOCOT HERBS OTHER THAN**

**ORCHIDS, GRASSES, SEDGES, RUSHES**

*Astelia fragrans*

*Herpolition novae-zeelandiae*

*Libertia ixioides* (unc)

*Luzuriaga parviflora*

*Phormium cookianum*

**COMPOSITE HERBS**

*Anaphalis sp.*\*

*Celmisia gracilentata* ssp.

*Craspedia minor* var. *minor*

(incl. *C. major*) (unc)

*C. viscosa*

*Gnaphalium audax*

*G. traversii*

*Helichrysum filicaule*

\* "*Helichrysum alpinum*" of Cochrane 1928 (lvs and capitula larger than in *Helichrysum bellidioides*)

- Myosotis forsteri
- Nertera ciliata
- Oreomyrthis sp. (unnamed; aff. O. ramosa)
- Ranunculus reflexus
- Stackhousia minima
- Stellaria decipiens (incl. S. parviflora)
- Urtica incisa
- Viola cunninghamii
- V. filicaulis
- Wahlenbergia albomarginata var. pygmaea

No. of indigenous species: 209

ADVENTIVE PLANTS

DICOT SHRUBS

- Erica sp. (E. arborea?)
- Ulex europaeus

- Senecio jacobaea
- Sonchus asper

GRASSES

- Agrostis capillaris
- Aira caryophylla
- Anthoxanthum odoratum
- Festuca nigrescens
- Holcus lanatus

DICOT HERBS OTHER THAN COMPOSITES

- Acaena novae-zelandiae
- Centaureum erythraea
- Cerastium fontanum ssp. vulgare
- Digitalis purpurea
- Hypericum humifusum
- Linum catharticum
- Lotus pedunculatus
- Prunella vulgaris
- Ranunculus acris
- Sagina procumbens
- Trifolium repens

RUSHES

- Juncus bufonius

COMPOSITE HERBS

- Cirsium arvense
- C. vulgare
- Crepis capillaris
- Gnaphalium coarctatum
- Hypochoeris radicata
- Mycelis muralis
- Hieracium pilosella

No. of adventive species: 28.

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