

HIGHER PLANTS OF THE MITRE<sup>1</sup>- MT HOLDSWORTH<sup>2</sup> AREA,

(10)

TARARUA RA. (INCLUDING PIG FLAT<sup>3</sup>), 2500-5154 FT (660-1565 M)

<sup>1</sup> Grid ref. N 156-7 961815

<sup>2</sup> Grid ref. N 156-7 923723

<sup>3</sup> Grid ref. N 156-7 940690

Biosite G.R.:  
N 157 922 760  
(Central on Angle Knob)

(Based on observations 1947-1990)

A.P. Druce, Botany Division, D.S.I.R., 1968

(unc)-uncommon

(revised June 1972, May 1974, April 1975, June 1976, May 1977

INDIGENOUS PLANTS

May 1979, May 1980  
April 1982, Sept 1982

GYMNOSPERMS

*Dacrydium cupressinum* (unc) (juv. only)

*Podocarpus hallii*

*Prumnopitys ferruginea*

*Cassinia leptophylla* var. (*C. vaughaniana*)  
*Coprosma ciliata* ssp. (*C. ciliata*) (unc)

*C. colensoi* s.s.

*C. depressa*

*C. foetidissima*

*C. grandifolia*

*C. lucida* s.s. (unc)

*C. perpusilla* ssp. *perpusilla*

*C. pseudocuneata* ssp. *pseudocuneata*

*C. thamnicides* (incl. *C. polymorpha*)

*C. sp. (i)* (unnamed; included in

*C. parviflora* by Oliver, 1935, & others:

*C. sp. (ii)* (unnamed) (*C. parviflora* var. *dumosa* Allan, non *C. p. var. d.* Cheesem.)

*C. ciliata* X *C. depressa* (unc)

*Cotiana plumosa*

*Cyathodes dealbata* (incl. *C. pumila*)

*Dracophyllum longifolium* var.

(incl. *D. filifolium* and *D. oliveri*)

*D. uniflorum*

*D. longifolium* X *D. uniflorum* (unc)

MONOCOT TREES AND SHRUBS

*Cardyline indivisa*

*C. banksii*

DICOT TREES

*Carpodetus serratus*

*Elaeocarpus hookerianus* (unc)

*Griselinia littoralis*

*Halaemata* sp. (unnamed) (unc)

*Myrsine salicina*

*Nothofagus fusca*

*N. menziesii*

*Pseudopanax colensoi* s.s.

*P. simplex* (incl. *P. s. var. sinclairii*)

*Schefflera digitata*

*Weinmannia racemosa* var. *racemosa*

DICOT SHRUBS

*Alseuosmia pusilla*

*Anistotelia fruticosa* var. *suberecta* (unc)

*A. f. var. s.* X *A. serrata* (Cheeseman, 1925, as *A. colensoi*)

[*Brachyglottis* - see next page]

*Gaultheria antipoda*

*G. depressa* s.s.

*G. rupestris* (incl. *G. subcorymbosa*)

G.sp. (unnamed; included in G.  
depressa, as var. novae-zelandiae,  
by Franklin, 1962)

Hebe canterburiensis (unc)

H. avenosa

H. odora s.s.

H. stricta var.

H. tetragona var. (H. sub similis var. astonii)

H. avenosa X H. stricta (unc)

Leptospermum scoparium  
Leucopogon fasciculatus var.

Myrsine divaricata ss.

M. nummularia

Neomyrtus periculata

Olearia arborescens

O. colensoi var. colensoi

O. lacunosa var. (O. alpina)

O. arborescens X O. lacunosa var. (unc)

Pentachondria pumila

Peraxilla colensoi (unc)

Pimelea longifolia var.

Pittosporum rigidum var. maius

Pseudopanax anomalus (unc)

Pseudowintera colorata

{ Brachyglottis adamsii (unc)

{ B. bidwillii var. bidwillii

{ B. rotundifolia var. (B. elaeagnifolia)

{ B. bidwillii X B. rotundifolia (unc)

{ [to page 1]

**DICOT LIANES**

Clematis paniculata (unc)

Rubus cissoides var. cissoides

**PSILOPSIDS AND LYCOPODS**

Tmesipteris tannensis (unc)

Lycopodium australianum

L. fastigiatum

L. scaricosum

L. varium (incl. L. billardierei and L.  
novae-zelandicum)

**FERNS**

Asplenium bulbiferum

A. flaccidum

Blechnum discolor

B. fluviatile ass.

B. penna-inatina

B. procerum

B. sp. (unnamed) (mountain sp.;  
lower pinnae not reduced)

Cyathea colensoi

C. smithii

Grammitis billardierei  $\angle$  G. gwanii (unc)

G. magellanica ssp. nothofageti

G. patagonica (unc)

G. poeppigiana

Histiopteris incisa

Hymenophyllum bivalve

H. demissum

H. dilatatum

H. flabellatum

H. multifidum

H. peltatum

H. pulcherrimum (unc)

H. farum

H. revolutum

H. sanguinolentum ass.

H. villosum

Hypolepis millefolium

H. rufobarbata

Leptopteris hymenophylloides

L. superba

Paesia scaberula (unc)

Phymatosorus novae-zelandiae

P. postulatus

- Polystichum vestitum*
- Pteridium esculentum* (unc)
- Sticherus cunninghamii*

**ORCHIDS**

- Adenochilus gracilis* (unc)
- Aporostylis bifolia*
- Caladenia carnea* agg.
- C. lyallii* (unc)
- Corybas trilobus* ss.
- C. sp.*
- Prasophyllum colensoi*
- Pterostylis australis*
- P. venosa*
- Thelymitra cyanea*
- T. hatchii*
- T. longifolia*

**GRASSES**

- Agrostis dyeri* ss.
- A. muscosa*
- A. orosbia* (unc)
- A. personata*
- Chionochloa conspicua* ssp. *cunninghamii*
- C. flavescens* ss.
- C. pallens* ssp. *pallens*
- C. conspicua* x *C. flavescens* (unc)
- C. flavescens* x *C. pallens*
- Cortaderia fulvida*
- Deschampsia tenella*
- Deyeuxia aucklandica*
- Hierochloa cuprea*
- H. recurvata*

\*("robust form" of Edgar 1970, p. 194)

- Lachnagrostis* sp. (unnamed; included in *L. filiformis*, as var. *semi-glabra*, by Zotov, 1965)
- Microlaena avenacea*
- M. colensoi*
- Poa anceps* ssp. *anceps*
- P. breviglumis*
- P. colensoi*
- P. kirkii*
- P. sp.* (unnamed; aff. *P. novae-zelandicae*) (vs much narrower than in P. n.z.)
- Rytidosperma australe*
- R. gracile*
- R. setifolium*
- Trisetum youngii*
- T. sp.* (unnamed) (plants slender; lf sheath glabrous or nearly so)

**SEDGES**

- Carex acicularis*
- C. comans* (near Powell Hut - probably adventive) (unc)
- C. dissita* ss.
- C. sp.* (Section *Acutae*) (unc)
- Carpha alpina* ss.
- Gahnia pauciflora*
- Isolepis aucklandica*
- I. habra*
- Oreobolus pectinatus*
- Schoenus* sp. (aff. *S. pauciflorus*)\*
- Uncinia astonii*
- U. caespitosa*
- U. clavata*
- U. divaricata* (unc)
- U. filiformis*
- U. fuscovaginata* var. *fuscovaginata*
- U. gracilentia*

ADVENTIVE PLANTS

(above 3000 ft)

A - found above 4000 ft.

P - only found near huts

GRASSES

- Agrostis capillaris (P)
- Cynosurus cristatus (P)
- Holcus lanatus (P)
- Lolium perenne (P)
- Poa annua (P)
- P. trivialis (P)

SEDGES

- Carex ovalis (P)

RUSHES

- Juncus effusus (A)

COMPOSITE HERBS

- Hypochoeris radicata (A)
- Taraxacum officinale s.l. (A)

DICOT HERBS (OTHER THAN COMPOSITES)

- Cerastium fontanum ssp. vulgare (A)
- Ranunculus repens (P)
- Rumex acetosella (A)

No. of adventive spp.: 12.

DOUBTFUL AND ERRONEOUS RECORDS NOT INCLUDED IN ABOVE LIST

Record

Probable identity of plant on which record based

- Aciphylla lyallii (Aston, 1910) - - - - - Aciphylla hybrid
- A. montoi (Aston, 1911) - - - - - A. colensoi X A. dissecta (see p. 7)
- Carex colensoi (Zotov et al., 1938) - - - - - Carex ovalis (?)
- Celmisia graminifolia (Cheeseman, 1925) - - - - - Celmisia sp. (unnamed)
- Coprosma parviflora (Aston, 1910; Oliver, 1935) - - - - - Coprosma sp. (unnamed), or C. ciliata
- C. colensoi X C. foetidissima (Oliver 1935)
- C. cheesemanii agg. (Cheeseman, 1925, as C. depressa)
- Gnaphalium traversii (Cheeseman, 1925) - Gnaphalium mackayi
- Hebe laevis (Cheeseman, 1925, as Veronica - Hebe cantabrigiensis (?) laevis
- Coriaria angustissima (Aston, 1910) - - - Coriaria plumosa
- Craspedia uniflora (Aston, 1910) - - - Craspedia sp. (unnamed)
- Donatia novae-zelandiae (Aston, 1910 and 1911; Cheeseman, 1925)
- Nothofagus solandri var. cliffortioides (Aston, 1910, as Fagus cliffortioides)
- Ranunculus nivicola (Cheeseman, 1914) - - Ranunculus insignis X R. verticillatus
- Schizeilema hydrocotyloides (Cheeseman, 1925) Schizeilema sp. (unnamed)
- Epilobium alsinoides ssp. atriplicifolium X E. parnitens (Raven and Raven, 1976) - - - Epilobium cockayneanum X E. parnitens

010/1  
Aciphylla colensoi X A. squarrosa var. flaccida (Dawson & de Comte, 1978).....  
A. c. X A. sp. (unnamed)

A. dissecta X A. squarrosa var. flaccida (D. & de C., 1978) - A. dissecta X A. sp. (unnamed)

### REFERENCES

Aston, B.C. 1910: Botanical notes made on a journey across the Taranaki. Trans. N.Z. Inst. 42: 13-25.

——— 1911: List of phanerogamic plants indigenous in the Wellington Province. Trans. N.Z. Inst. 43: 225-47.

Cockayne, L. 1928: "The Vegetation of N.Z." Ed. 2. Englemann, Leipzig.

Cheeseman, T.F. 1914: "Illustrations of the New Zealand Flora". 2 vols. Government Printer, Wellington.

——— 1925: "Manual of the New Zealand Flora". 2nd ed. (Ed. W.R.B. Oliver). Government Printer, Wellington. 1163 pp. 456 pp.

~~Drury, D.G. 1972: The cluster and solitary-headed endive-like nature to New Zealand: (Grapholium Section Fuchitica - Compositae). N.Z. J. Bot. 10: 112-79.~~

> Edgar, E. 1966: Luzula in New Zealand. N.Z. J. Bot. 4: 159-84.

Dawson, J.W.; de Comte, T.R. 1978: Research on Aciphylla - a progress report. Tuatara 23: 49-67.

Franklin, D.A. 1962: The Ericaceae in New Zealand (Gaultheria and Per-  
wettia). Trans. R. Soc. N.Z. Bot. 6: 155-73.

~~Kirk, T. 1899: "The Students' Flora of New Zealand." Government  
Printer, Wellington. 408 pp.~~

Moore, L.B. 1961: In "Flora of New Zealand". Govern-  
ment Printer, Wellington. Vol. 1. 1085 pp.

Oliver, W.R.B. 1935: The genus Coprosma. Bishop Mus. Bull. 132. 297 pp.

Pritchard, G.G. 1957: Experimental taxonomic studies on species of Cer-  
dium Linn. in New Zealand. Trans. R. Soc. N.Z. 85: 75-89.

Raven, P.H.; Raven, T.E. 1976: The genus Epilobium (Onagraceae) in Aus-  
tralia: a systematic and evolutionary study. N.Z. D.S.I.R. Bull. 216: 321 pp.

Zotov, V.D. 1965: Grasses of the subantarctic islands of the New Zealand  
region. Rec. Dou. Mus. Wellington 5: 101-46.

Zotov, V.D.; Elder, N.L.; Beddie, A.D.; Sainsbury, G.D.K.; Hodgson, E.A. 1938: An  
outline of the vegetation and flora of the Taranaki mountains. Trans.  
R. Soc. N.Z. 68: 259-324.

> Edgar, E. 1970: In "Flora of New Zealand". Government Printer,  
Wellington. Vol. 2. 354 pp.

