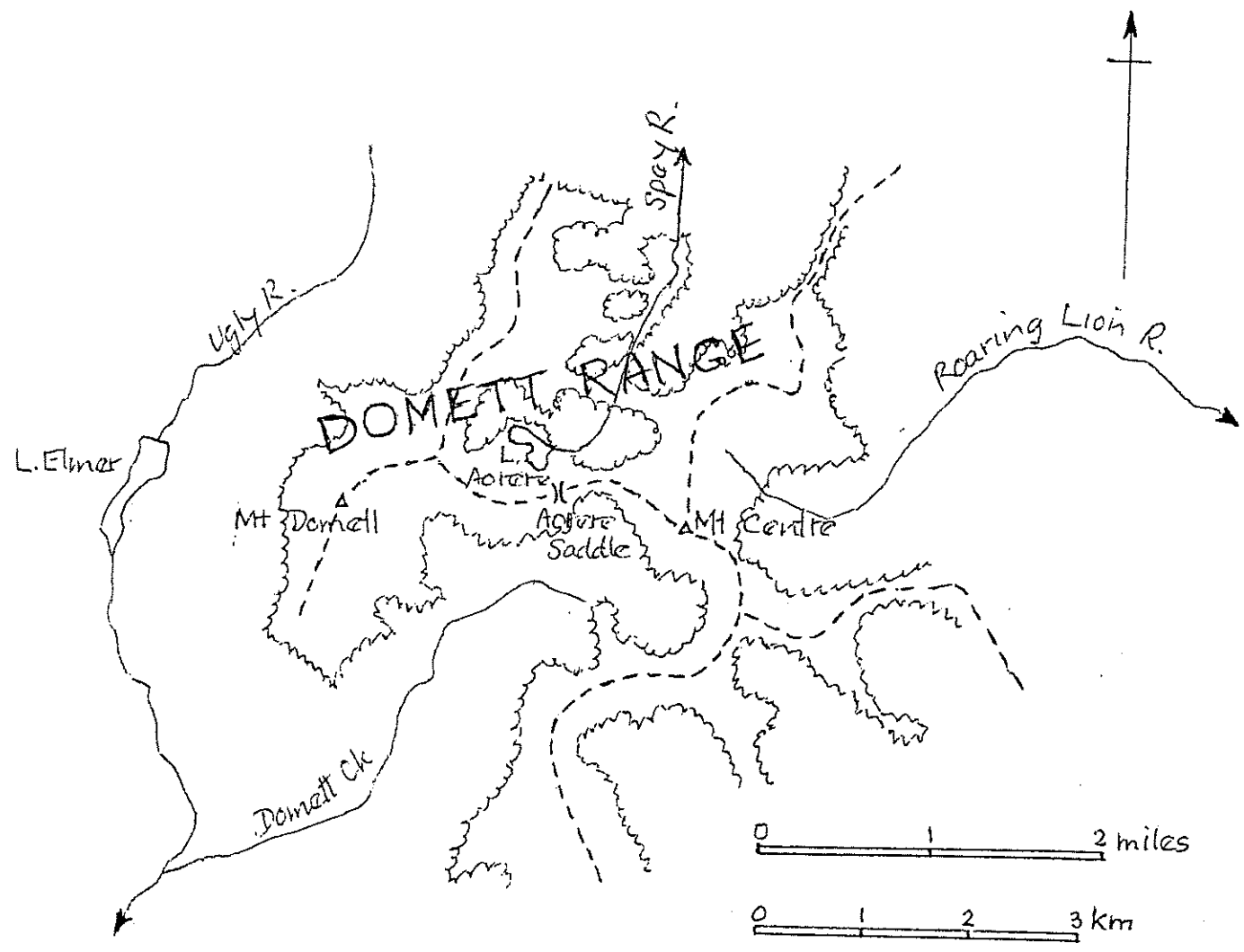


INDIGENOUS HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF MT DOMETT<sup>1</sup>, MT CENTRE<sup>2</sup> AND LAKE AORERE<sup>3</sup> AREA, DOMETT RA., N.W. NELSON, 2800-5325 FT (850-1620 M)

A.P. Druce, Botany Division, D.S.I.R., May 1982  
(revised Sept 1982, June 1983, July 1986, Oct. 1988, July 1990, May 1991, Aug. 1992, Aug. 1993)  
(Based on visit Jan. 1977)

- <sup>1</sup> Grid ref. S12 746563, alt. c. 5325 ft
- <sup>2</sup> Grid ref. S12 781561, alt. c. 5000 ft
- <sup>3</sup> Grid ref. S12 765570, alt. c. 3350 ft

Rocks: granite



(unc) - uncommon or local

GYMNOSPERM TREES AND SHRUBS

Halocarpus biformis  
Lepidothamnus intermedius  
L. laxifolius  
Libocedrus bidwillii  
Phyllocladus alpinus agg.  
  
Podocarpus acutifolius  
P. nivalis

MONOCOT TREES AND SHRUBS

Cordyline indivisa

DICOT TREES

Aristotelia serrata  
Dracophyllum traversii (incl. D. pyramidale)  
Elaeocarpus hookerianus  
Fuchsia excorticata  
Griselinia littoralis  
Hoheria lyallii var. (H. glabrata)  
Metrosideros umbellata  
Nothofagus fusca  
N. menziesii  
Pseudopanax linearis  
P. simplex (incl. P. s. var. sinclairii)  
P. sp. (unnamed; included in P. colensoi, as var. fiordensis and as var. ternatus, by Wardle 1968)

Quintinia serrata (incl. Q. acutifolia and Q. elliptica)  
Weinmannia racemosa var. racemosa

DICOT SHRUBS

Arctostaphylos traversii (incl. A. t. var. australis)  
Aristotelia fruticosa var.  
  
Brachyglottis adamsii  
B. bidwillii var. viridis  
Brotundifolia var. (incl. B. buchananii + B. cockaynei)  
B. bidwillii x B. rotundifolia (unc)  
Cassinia vauvilliersii  
  
Coprosma cheesemanii s.s.  
C. ciliata ssp. ciliata  
C. colensoi s.s.  
C. crenulata  
C. depressa  
C. foetidissima  
C. perpusilla ssp. perpusilla  
C. pseudocuneata ssp.  
C. rhamnoides (incl. C. polymorpha)  
C. rugosa ssp. rugosa  
C. serrulata

C.sp. (i) (unnamed; aff. *C. pseudocuneta*) (low-growing shrubs with small, thick, arcuate lvs)

C.sp. (ii) (unnamed; aff. *C. colensoi*) (low-growing shrubs with trailing branches)

C.sp. (iii) (unnamed) (*C. parviflora* var. *dumosa* sensu Allan 1961, non *C. p.* var. *dumosa* Cheeseman)

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

*Coriaria angustissima*

*C. sarmentosa*

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

*C. empetrifolia*

*Dracophyllum pubescens* var. *pubescens*

*D. longifolium* var. (incl. *D. filifolium* + *D. oliveri*)

*D. polatum*

*D. uniflorum* var. *uniflorum*

*Epacris alpina*

*Exocarpos bidwillii*

*Gaultheria crassa*

*G. depressa* s.s.

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

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

*G. crassa* x *G. rupestris* (unc)

*G. rupestris* x *G. sp.* (unnamed) (unc)

*Hebe canterburyensis*

*H. ciliolata*

*H. salicifolia* var. *salicifolia*

*H. topiaria*

*H. tetragona* var. (*H. coarctata*)

*H. sp.* (*Leonohebe moorea*)

*Leptospermum scoparium*

*Leucopogon fraseri* s.s.

*Meliccytus sp.* (unnamed)

*Myrsine divaricata* s.s.

*M. nummularia*

*Neomyrtus pedunculata*

*Olearia arborescens*

*O. colensoi* var. *colensoi*

*O. ilicifolia*

*O. lacunosa* var. *lacunosa*

*O. arborescens* x *O. ilicifolia*

*O. capillaris* x *O. ilicifolia*

*O. ilicifolia* x *O. lacunosa* (und)

*Pentachondra pumila*

*Pimelea oreophila*

*Pittosporum rigidum* var.

(*P. crassicaule*)

*Pseudopanax anomalus*

*Pseudowintera colorata*

## DICOT LIANES AND RELATED

### TRAILING PLANTS

*Muehlenbeckia australis*

*M. axillaris*

*M. australis* X *M. axillaris*

*Rubus cissoides* var. (leaflets broader than in var. *cissoides*)

*R. parvus*

### LYCOPODS

*Lycopodium australianum*

*L. fastigiatum*

*L. laterale* (incl. *L. ramulosum*?)

*L. scariosum*

*L. varium* (incl. *L. billardierei* and

*L. novae-zelandicum*)

*L. volubile*

*Cyathea colensoi*

*Grammitis billardierei*

*G. givenii* (unc)

*G. magellanica* ssp. *nothofageti*

*G. poeppigiana*

*Histiopteris incisa*

*Hymenophyllum armstrongii*

*H. demissum*

*H. multifidum*

*H. ratum*

*H. rufescens*

*H. villosum*

*Hypolepis millefolium*

*H. rufobarbata*

*Leptopteris superba*

*Ophioglossum coriaceum* ass.

*Phymatosorus pustulatus*

*Polystichum cystostegia*

*P. vestitum*

*Pteridium esculentum*

*Schuzaea australis* (unc)

### FERNS

*Asplenium terrestre* ssp. *terrestre* (unc)

*Blechnum discolor*

*B. fluviatile* ass.

*B. penna-martina*

*B. procerum*

*B. sp.* (unnamed) (mountain

sp.; lower pinnae not reduced

in length) ("The Dunedin-Cass

Variety" of Crookes 1963")

### ORCHIDS

*Adenochilus gracilis*

*Apotostylis bifolia*

*Caladenia lyallii*

*Corybas trilobus* s.s.

*Lyperanthus antarcticus*

*Microtis unifolia*

*Prasophyllum colensoi*

*Pterostylis itsoniana* (unc)

*P. venosa*

*Thelymitra cyanea*

*T. hatchii*

*T. longitolia*

### GRASSES

*Agrostis otesbia*

*A. personata*

*A. sp.* (unnamed; aff. *A. dyeri*)

*Chionochloa australis*

*C. cheesemani*

*C. conspicua* ssp. *conspicua*

*C. pallens* ssp. *pallens*

*C. rubra* ssp. *occulta*

*C. sp.* (unnamed) (*C. flavescens*

auct. South Island, non *C. flavescens* Zetov)

*C. conspicua* x *C. pallens* (unc)

*C. c.* x *C. rubra* (unc)

*C. pallens* x *C. rubra*

*C. rubra* x *C. sp.* (unnamed) (unc)

*Deschampsia novae-zelandiae*

*D. tenella*

*Deyeuxia aucklandica*

*Festuca sp.* (unnamed) (tufted but not tussock-forming, glaucous)

*Hierochloa novae-zelandiae*

*H. recurvata*

*H. redolens*

*Lachnagrostis lyallii* ss. (incl. *L. filiformis* var. *semiglabra*)

*Microlaena avenacea*

*M. colensoi*

*Poa breviglumis*

*P. calsa*

*P. cita* ssp. *cita*

*P. colensoi*

*P. kirkii*

*P. maia*

*P. novae-zelandiae* ss.

*Rytidosperma gracile*

*R. nigricans*

*R. setifolium*

*R. viride* (unc)

*Trisetum youngii*

*T. sp.* (unnamed) (plants slender)

If sheath glabrous or nearly so;

If blade flat, up to 2.5 mm wide;

margins smooth, vs. with a few

hairs near ligule.)

### SEDGES

*Carex acicularis*

*C. cockayneana*

*C. dallii*

*C. dissita* ss.

*C. echinata* var. (*C. stellulata* var. *australis*)

*C. pyrenaica* var. *cephalotes*

*C. sinclairii*

*C. trachycarpa*

*C. wakatipu* s.s.

*C. sp.* (Section *Acutae*)

*Carpha alpina* s.s.

*Eleocharis acuta*

*Gahnia procera*

*Oreobolus impar*

*O. pectinatus*

*O. strictus*

*Schoenus pauciflorus* s.s.

*Isolepis aucklandica*

*I. caligenis*

*I. habra*

*I. subtilissima*

*Uncinia clavata*

*U. divaricata*

*U. filiformis*

*U. fuscovaginata* var. <sup>plants</sup> (~~glaucous~~)

*U. involuta*

*U. longifructus*

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

*U. uncinata*

*U. vitidis*

*U. sp.* (unnamed) (*U. affinis* sensu Hamlin 1959, non *U. hiparia* var. *affinis* Col. ex Clarke)

**RUSHES AND ALLIED PLANTS**

*Centrolepis ciliata*

*Empodisma minus*

*Gaimardia setacea*

*Juncus antarcticus*

*J. novae-zelandiae*

*J. pusillus*

*Luzula colensoi*

*L. migrata*

*L. picta* s.s.

*L. subclavata*

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

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

*Astelia graminea*

*A. linearis*

*A. nervosa* s.s.

*A. nivicola* s.s.

*A. petriei*

*A. skottsbergii*

*A. subulata* (Mt Centre-unc)

*A. sp.* (unnamed; aff. *A. nervosa*) (lvs broad, not conspicuously white adaxially as in *A. nervosa*)

*Harporhizon novae-zelandiae*

- Libertia peregrinans
- L. pulchella
- Luzuriaga parviflora
- Phormium cookianum
- Potamogeton suboblongus

**COMPOSITE HERBS**

- Abrotanella caespitosa
- A. linearis s.s.
- A. pusilla
- Anaphalis sp. (Helichthysum bellidiorides ss)
- Brachyglottis sp. (unnamed) (B. bellidiorides var. crassa)
- Brachyscome: radicata
- Calmisia alpina s.s.
- C. argentea (Mt Centre) (unc)
- C. armstrongii
- C. dallii
- C. gibbsii
- C. haastii ssp haastii
- C. incana (incl. C. discolor)
- C. latifolia
- C. montoi ssp (C. coriacea var. lancifolia)
- C. parva
- C. petrei
- C. sessiliflora
- C. spectabilis ssp.
- C. traversii
- C. armstrongii X C. spectabilis (unc)
- Leptinella pyrethriifolia agg.
- L. sp. (unnamed; included in L. squalida, as ssp. mediana, by Lloyd and Webb, 1987)

Craspedia sp. (unnamed) (summer-green; lvs elliptic-spathulate, green both surfaces clad in hispid hairs; lf margins faintly to distinctly white with cottony hairs; -fls white)

- Dolichoglossis scorzoneroides
- Gnaphalium laterale (?)
- G. limosum s.s.
- G. paludosum ss.

Pseudognaphalium sp. (unnamed; aff. P. luteoalbum) (lvs mostly linear-spathulate to linear, acute)

- Lagenifera cuneata
- L. pumila
- L. strangulata
- Leucogenes grandiceps
- Microseris scapigera var.
- Raoulia glabra
- R. grandiflora var. grandiflora
- R. tenuicaulis (incl. R. t. var. dimorpha and R. t. var. pusilla)
- Senecio wairauensis
- Taraxacum magellanicum

**DICOT HERBS OTHER THAN COMPOSITE**

- Acaena anserinifolia
- A. profundeincisa

Aciphylla colensoi var. colensoi

A. hookeri

A. polita var.

A. colensoi x A. hookeri (unc)

A. c. x A. polita (unc)

Anisotome aromatica

A. deltaidea

A. haastii

A. sp. (i) (unnamed; included in A. imbricata, as var. prostrata, by Dawson 1961)

A. sp. (ii) (unnamed) (turf-forming in seepages; infls short, up to 5 cm)

Actinotis novae-zelandiae

Cardamine sp. (i) (C. debilis agg.) ("Narrow Petal" of Pritchard 1957)

C. sp. (ii) (C. debilis agg.) (cf. "Long Style" of Pritchard 1957)

C. sp. (iii) (C. debilis agg.) ("Glossy Leaf" of Pritchard 1957)

C. sp. (iv) (unnamed) ("Scree Race" of Pritchard 1957)

Cheesemania latissiliqua (incl. C. gibbsii) (unc)

Colobanthus affinis

Donatia novae-zelandiae

Diosera arcturi

D. binata

D. spathulata

D. stenopetala

Epilobium alsinoides s.s.

E. brunnescens s.s.

E. chlorifolium

E. cockayneanum

E. glabellum s.s.

E. komarovianum

E. linnaeoides

E. netteroides

E. pernitens

E. tasmanicum (unc)

E. sp. (unnamed; included in E. brunnescens, as ssp. minutiflorum, by Raven and Engelhorn 1971)

Euphrasia townsonii s.s.

E. sp. (unnamed; aff. E. petriei)

Forstera mackayi

F. sedifolia s.s.

F. tenella

Galium perpusillum s.s.

Gentiana bellidifolia

G. gracilifolia (incl. G. vernicosa)

G. montana (incl. G. m. var. stolonifera, G. patula, x G. bellidifolia var. pulchella)

G. spenceri

G. sp. (unnamed)

(unnamed; aff. G. bellidifolia) (plants forming small to large patches; stems decumbent; fls large, creamy white)



Geranium sp. (aff. *G. microphyllum*)

*Geum uniflorum*

*G.* sp. (i) (*G. parviflorum* agg.) (stock short; terminal leaflet about as long as broad; fls upto 13mm diam.)

*G.* sp. (ii) (*G. parviflorum* agg.) (stock creeping and branching; terminal leaflet slightly longer than broad; fls up to 8mm diam.)

*Gingidia montana* (unc)

*Gonocarpus aggregatus*

*Gunnera dentata* var. *dentata*

*Hydrocotyle dissecta*

*H. microphylla*

*H. sulcata*

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

*Kelleria dieffenbachii*

*K. laxa*

*K. multiflora*

*Lilaeopsis ruthiana*

*Liparophyllum gunnii*

*Mitrasacme novae-zeelandiae*

*Montia fontana* s.s.

*Myosotis forsteri*

*M. lyallii* (incl. *M. lyallii* var. *townsonii* and *M. elderti*) (unc)

*M.* sp. (unnamed; included in *M. pygmaea*, as var. *drucei*, by Moore 1961)

*Myriophyllum triphyllum*

*Neopaxia* sp. (incl. *Montia calycina* and *Claytonia australasica* var. *biflora*)

*Nertera balfouriana*

*N. ciliata*

*N. depressa* (incl. *N. cunninghamii*)

*N.* sp. (unnamed; aff. *N. dichondriifolia*)

*Oreomyrthis colensoi* s.s. (incl. *O.c.* var. *hispida* and *O.c.* var. *multifida*)

*Oreostylidium subulatum*

*Ourisia caespitosa* ssp. *caespitosa*

*O. lactea* ssp. *lactea*

*O. macrocarpa* ssp. *calycina*

*O. simpsonii*

*Oxalis magellanica*

*Parahebe lyallii*

*Phyllachne clavigera*

*Plantago lanigera* s.l.

*P. raoulii*

*P. triandra* s.s.

*P. uniflora*

*Pratia angulata* ass.

*Psychotripha novae-zeelandiae*

*Ranunculos altus*

*R. foliosus*

R. insignis  
R. membranifolius  
R. reflexus  
R. verticillatus

Schizalema haastii s.s.

Stellaria decipiens (incl. S. parviflora)

Urtica incisa

Viola cunninghamii

V. filicaulis

V. lyallii

Wahlenbergia albomarginata

var. albomarginata (incl. W. pyg-  
maea var. laxa <sup>and</sup> W. brockiei)

No. of species: 352.

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