

HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF MT PYRAMID AND NORTHERN HERBERT RA., N.W. NELSON, 3000-4825 FT (900-1470 M)

- 1 Grid ref. S12 772363, alt. 4425 ft
- 2 Grid ref. S12 806346, alt. 4825 ft

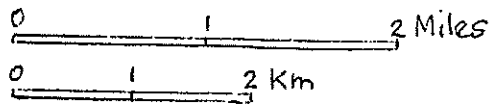
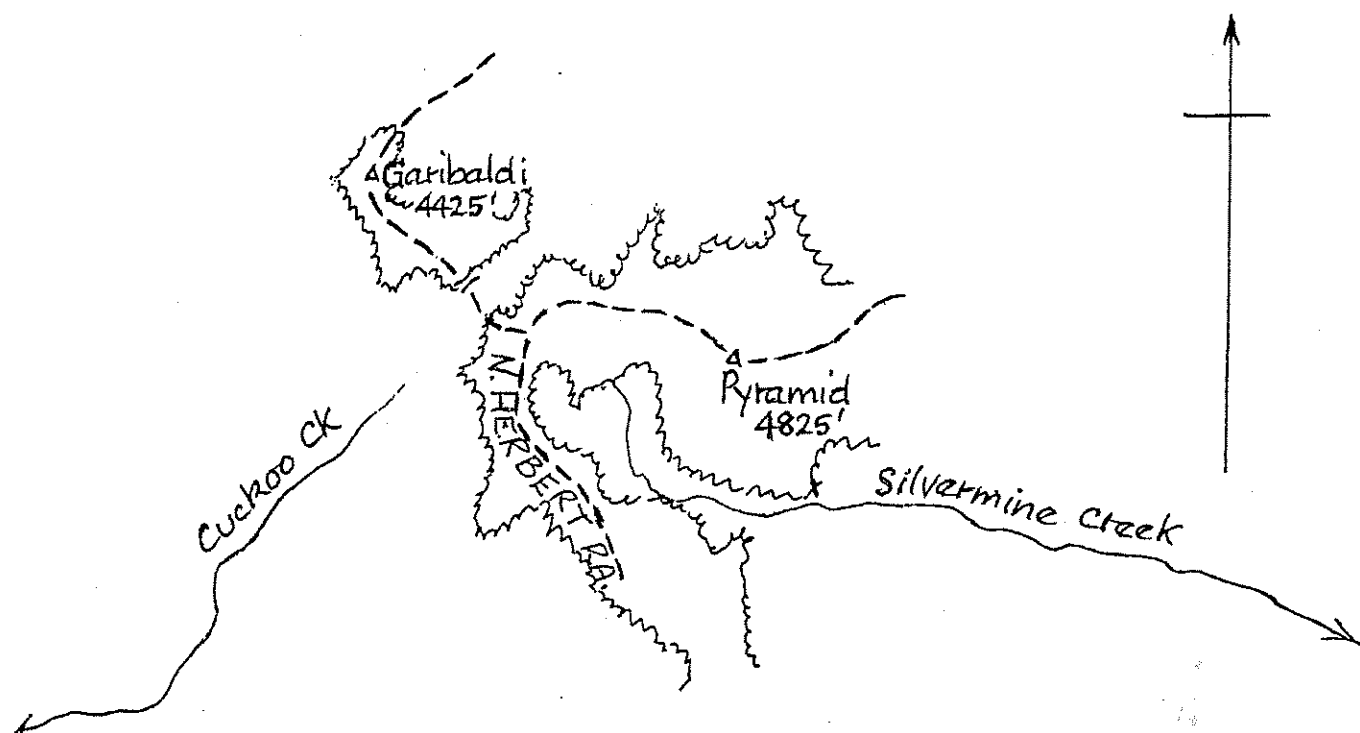
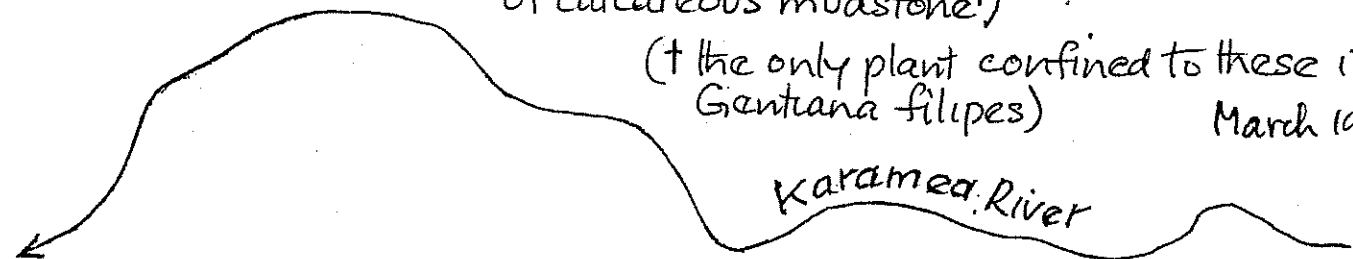
A.P. Druce, Wellington, May 1983 (revised June 1984, Oct. 1986,

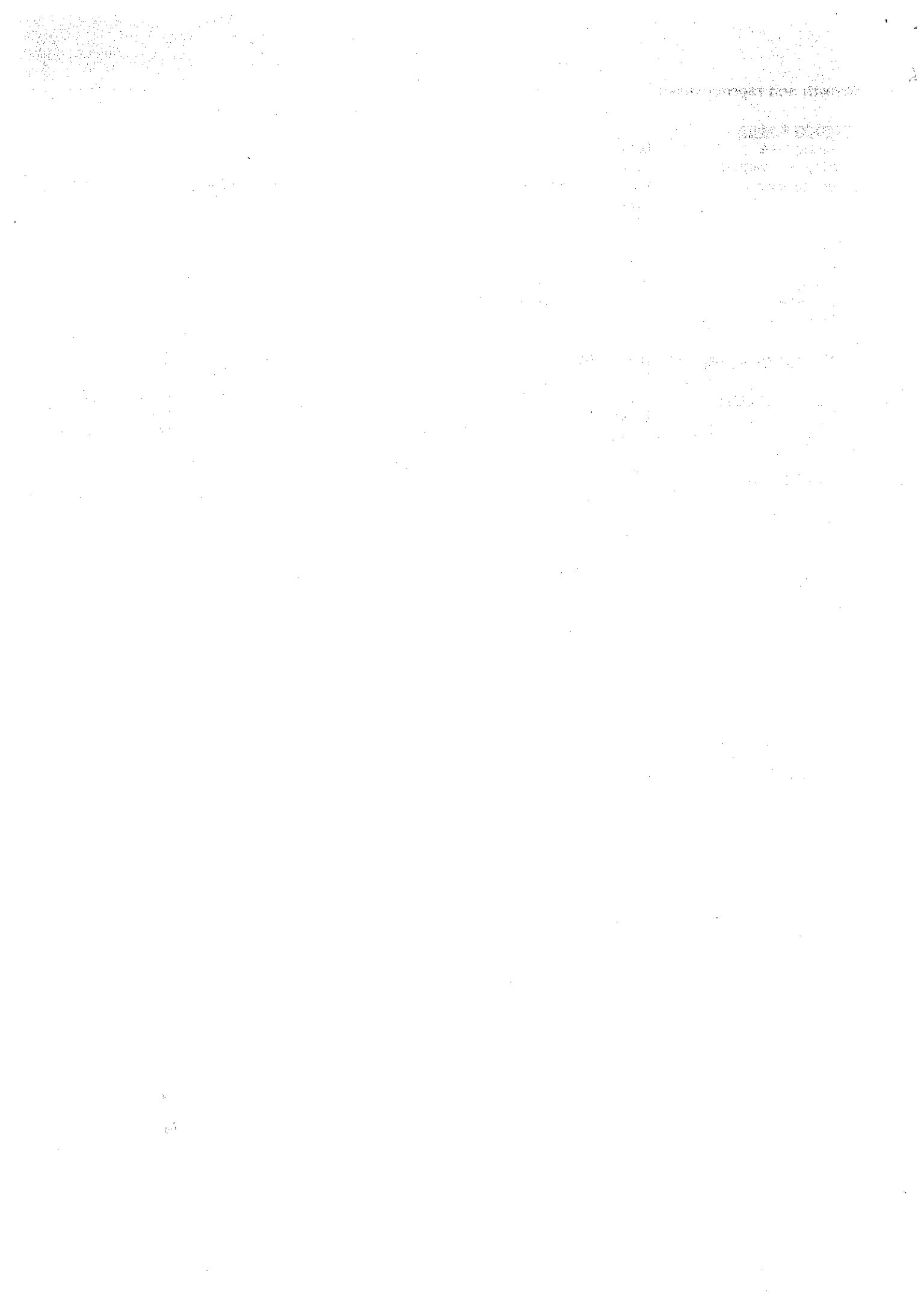
Based on visit March 1983

Rocks: Tertiary, quartz sandstone and coal measures (and a few very small areas of calcareous mudstone†)

(† the only plant confined to these is *Gentiana filipes*)

March 1993)





INDIGENOUS PLANTSGYMNOSPERM TREES AND SHRUBS

Halocarpus biformis
 Lepidothamnus laxifolius
 L. intermedius x L. laxifolius
 Libocedrus bidwillii (unc)
 Phyllocladus alpinus agg.

Podocarpus nivalis
 P. hallii x P. nivalis (unc)

DICOT TREES

Dracophyllum traversii (incl. D.
 pyramidale)
 Griselinia littoralis
 Metrosideros umbellata
 Nothofagus menziesii
 N. solandri var. cliffortioides
 Pseudopanax linearis (unc)
 P. simplex (incl. P. s. var. sinclairii)
 P. sp. (unnamed; included in P.
 colensoi, as var. fiordensis
 and as var. ternatus, by
 Wardle 1968)

DICOT SHRUBS

Archerya traversii (incl. A. t. var.
 australis)
 Brachyglottis bidwillii var. viridis
 (unc)

B. rotundifolia var. (incl. B. bichananii
 and B. cockaynei) (unc)

Cassinia vauvilliersii (unc)

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. rugosa ssp. rugosa

C. serrulata (unc)

C. sp. (i) (unnamed) (C. parvi-
 flora var. dumosa sensu
 Allan 1961, non C. p. var.
 dumosa Cheeseman)

C. sp. (ii) (unnamed; included in
 C. parviflora by Oliver, 1935,
 and others) (If undersurface
 not minutely hairy as is usual
 in C. parviflora; drupes vs. un-
 pigmented; occ. purplish red)

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

Cornaria plumosa

C. sarmentosa (unc)

Cyathodes dealbata (incl. *C. pumila*)

C. empetrifolia

Dracophyllum longifolium var. (incl.

D. filifolium and *D. oliveti*)

D. pditum (incl. *D. densum*)

D. pubescens var. *pubescens*

D. uniflorum

Epacris alpina

Exocarpus bidwillii

Gaulltheria crassa

G. depressa s.s. (unc)

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

G. macrostigma

G. m. × *G. sp.* (unnamed)

Hebe canterburiensis

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

H. sp. (*Leonohebe moorea*)

Leptospermum scoparium

Meliccytus alpinus s.s.

M. sp. (unnamed) (prostrate
hermaphrodite shrubs; branches
slender, up to 40cm long, often
rooting; lvs linear-oblong; fl
white) (unc)

Myrsine divaricata s.s.

M. nummularia

Olearia colensoi var. *colensoi*

O. lacunosa var. *lacunosa* (unc)

Pentachondra pumila

Pimelea

Pittosporum rigidum var. (*P. crassi-
caule*)

Pseudopanax anomalus

Rubus parvus

LYCOPODS

Lycopodium australianum

L. fastigiatum

L. laterale ("L. ramulosum" form)
(unc)

L. scariosum

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

FERNS

Asplenium flaccidum

Blechnum discolor

B. fluviatile agg.

B. penna-marina

B. procerum

B. vulcanicum

Cyathea colensoi

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

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

Cystopteris tasmanica

Gleichenia dicarpa

Grammitis billardierei

G. magellanica ssp. nothofageti

G. patagonica (unc)

G. poeppigiana

Hymenophyllum armstrongii

H. minimum (unc)

H. multifidum

H. pettatum

H. rarum

H. rufescens

H. villosum

Hypolepis millefolium

Leptopteris superba

Polystichum vestitum

Schizaea australis

Sticherus cunninghamii

ORCHIDS

Aporostylis bifolia

Corybas mactanthus

Prasophyllum colensoi

Pterostylis itsoniana (unc)

Thelymitra cyanea (unc)

T. hatchii (unc)

GRASSES

Agrostis personata

A.sp.(unnamed; aff. A. dyeri)
(panicle spreading, not contracted as in A. dyeri)

Chionochoa australis

C. conspicua ssp. conspicua

C. pallens ssp. pallens

C. rubra ssp. occulta

C.sp.(unnamed)(C. flavescens auct. South Island, non C. flavescens Zotov)

C. australis X C. conspicua (unc)

Deschampsia chapmanii (unc)

D. tenella

Deyeuxia aucklandica

Festuca sp. (aff. F. matthewsii)
(non tussock-forming, glaucous)

Hierochloa novae-zelandiae

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

Microlaena avenacea

M. colensoi

Podocelsa (unc)

P. colensoi

P. kirkii

P. maia

P.sp. (P. novae-zelandiae and/or P. subvestita)

Rytidosperma gracile
 R. nigricans
 R. setifolium
 Trisetum youngii (unc)

SEDGES

Carex acicularis
 C. dipsacea var. dipsacea (unc)
 C. echinata var. (C. stellulata var.
 australis
 C. gaudichaudiana
 C. sinclairii
 C. sp. (Section Acutae)
 Carpha alpina s.s.
 Eleocharis acuta
 Gahnia procera
 Oreobolus impar
 O. pectinatus
 O. strictus
 Schoenus pauciflorus s.s. (= "slender
 form" of Edgar 1970, p. 194)
 Isolepis Aucklandica
 I. habra (unc)
 I. subtilissima (unc)

Uncinia astonii
 U. divaricata
 U. filiformis
 U. fuscovaginata var. (plants
 glaucous)
 U. involuta
 U. rupestris (incl. U. angustifolia)

RUSHES AND ALLIED PLANTS

Centrolepis ciliata
 Empodisma minus
 Gaimardia setacea
 Juncus antarcticus
 J. novae-zelandiae
 J. pusillus (unc)
 Luzula colensoi
 L. migrata
 L. sp. (unnamed; included in L.
 picta, as var. limosa, by Edgar 1966)
 L. colensoi x L. migrata (unc)

MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES, RUSHES

Astelia graminea
 A. linearis var. linearis
 A. nivicola s.s.
 A. petriei
 A. skottsbergii
 A. subulata (unc)
 A. sp. (i) (unnamed; included in
 A. nivicola, as var. moriceae,
 by Moore 1966)

- A.sp.(ii) (unnamed; aff. *A.nervosa*)
(lvs broad, not conspicuously white adaxially as in *A.nervosa*)
- Bulbinella hookeri*
- Herpolition novae-zelandiae*
- Libertia pulchella*
- Luzuriaga parviflora*
- Phormium cookianum*
- Potamogeton cheesemani* (unc)

- C.traversii*
- C.sp.* (unnamed; aff. *C.gracilentia*)
(lvs linear to linear-lanceolate; upper surface and margins ± thinly covered in tomentum; lower surface glabrous, exc. for midrib)
- C.armstrongii* X *C.similis* (unc)
- C.montoi* X *C.traversii*
- Craspedia sp.(i)*

COMPOSITE HERBS

- Abrotanella caespitosa*
- A.linearis* s.s.
- A.pusilla*
- Anaphalis sp.* (*Helichrysum bellidoides* s.s.)
- Brachyglottis sp.* (unnamed; included in *B.bellidoides*, as var. *erassa*, by Nordenstam 197)
- Celmisia alpina* s.s.
- C.armstrongii*
- C.bellidoides* (unc)
- C.dallii*
- C.gibbsii* (unc)
- C.incana* (incl. *C.discolor*)
- C.laticifolia*
- C.lateralis* (incl. *C.l.* var. *villosa*)
- C.montoi* ssp. (*C.coriacea* var. *lanceifolia*)
- C.parva*
- C.petriei*
- C.similis*
- C.spectabilis* ssp.

- C.sp.(ii)* (unnamed) (evergreen; lvs thick and fleshy, ± broadly obovate-spatulate, apiculate, green; upper surface at first densely clad in non-glandular multicellular hairs c. 3mm long, lower surface less hairy and lvs later tending to become glabrous; fls white) (unc)
- Dolichoglottis scorzonoides*
- Gnaphalium mackayi* s.s. (unc)
- G.paludosum* s.s.
- Lagenifera strangulata*
- Leptinella sp.* (unnamed; included in *L.squalida*, as ssp. *mediana*, by Lloyd and Webb, 1987)
- Microsetis scapigera* var. (unc)
- Raculia glabra*
- R.grandiflora* var. *grandiflora*
- Senecio waitavensis*
- Taraxacum magellanicum*
- Leucogenes grandiceps* (unc)

DICOT HERBS OTHER THAN COMPOSITES

- Acaena profunde incisa* (unc) *Drosera arcturi*
Aciphylla anomala *D. spathulata*
A. polita var. (similar to *A. dissecta* but pinnules narrower, vs. 1 mm wide, divergent, not contiguous to one another) *D. stenopetala*
Actinotus novae-zelandiae *Epilobium brunnescens* s.s.
Anisotome aromatica *E. glabellum* ss.
A. deltoidea *E. komarovianum* (unc)
A. haastii *E. linnaeoides*
A. pilifera (unc) *E. pernitens*
A. sp. (unnamed; included in *A. imbricata*, as var. *prostrata*, by Dawson 1961) *E. sp.* (unnamed; included in *E. brunnescens*, as ssp. *minutiflorum* by Raven and Engelhorn, 1971)
Cardamine sp. (i) (*C. debilis* agg.) (unc) *E. glabellum* X *E. pernitens* (unc)
C. sp. (ii) (unnamed) (lvs mostly simple; blades \pm reniform) (unc) *Euphrasia townsonii* s.s.
Cheesemanina latisiliqua (incl. *C. gibbsii*) (unc) *E. sp.* (unnamed; aff. *E. pettiei*)
Colobanthus affinis (unc) *Forstera mackayi*
C. canaliculatus s.s. (unc) *F. tenella*
Donatia novae-zelandiae *Gentiana filipes* (unc - restricted to calcareous mudstone)
G. graciliifolia (incl. *G. vernicosa*)
G. montana (incl. *G. m.* var. *stolonifera*, *G. patula*, *G. bellidifolia* var. *pulchella*)
G. spenceti
Geum uniflorum
G. sp. (*G. parviflorum* agg.) (stock short; terminal leaflet about as long as broad; fls upto 13 mm diam)

Gingidia montana
Gonocarpus aggregatus
Gunnera monoica

Kelleria laxa
K. multiflora

K. sp. (undetermined)

Limosella lineata (unc)
Liparophyllum gunnii
Mitrasacme novae-zealandiae

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

Nertera balfouriana
N. ciliata

N. sp. (unnamed; aff. N. dichondri-
folia) (hairs present on both surf-
aces of lf, straight, not hooked
as in N. dichondrifolia)

Notolthaspi sp. (unnamed) (N. australe
avd. non Thlaspi australe Hook. f.)
Oreomyrrhis colensoi s.s. (incl.

O.c. var. hispida and O.c. var.
multifida)

Oreostylidium subulatum

Ourisia caespitosa ssp. caes-
pitosa

O. lactea ssp. lactea

O. simpsonii

O. caespitosa x O. lactea (unc)

Oxalis magellanica

Parahebe lyallii

Phyllachne colensoi var.

Plantago lanigera s.l. (incl. P. n. z.)

P. triandra s.s.

P. uniflora

Pratia angulata agg.

Psychrophila novae-zealandiae

Ranunculus foliosus

R. insignis

R. membranifolius

R. verticillatus

R. sp. (R. glabrifolius or R. hivol-
aris (unc)

Schizilema nitens

S. sp. (S. haastii agg.)

Viola cunninghamii

V. filicaulis

Wahlenbergia albomarginata

var. albomarginata (incl. W.
pygmaea var. laxa, W. brockiei,

No. of indigenous spp. : 272.

ADVENTIVE PLANTS

Festuca nigrescens (unc)

Hypochoeris radicata

Mycelis muralis

Cerastium fontanum ssp.
vulgare

No. of adventive spp. : 4.

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