

HIGHER PLANTS (PSILOPSIDS, LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF GORDON RA.<sup>1</sup>, BRYANT RA.<sup>2</sup>, AND RICHMOND RA.<sup>3</sup> (INCLUDING RED HILLS<sup>4</sup> AND BEN NEVIS RA.<sup>5</sup>), NELSON/MARLBOROUGH, S.L. TO 5874 FT / 1790 M

A. P. Druce, October 1983  
(Revised May 1984, June 1984, Aug. 1984, Nov. 1984, May 1985, July 1985, Jan. 1986, April 1986, Oct. 1987, Dec. 1987, Apr. 1989, Sept. 1989, June 1990, July 1991, June 1992, Sept. 1992, Apr. 1993)

- <sup>1</sup> Highest point: peak 5525 ft / 1685 m, S26 317891
- <sup>2</sup> Highest point: Starveall 5000 ft / 1520 m, S20 594052
- <sup>3</sup> Highest point (outside Red Hills): Mt Richmond 5775 ft / 1760 m S20 732048 <sup>nominal</sup> mid-point (Dmc)
- <sup>4</sup> Highest point: Red Hill 5874 ft / 1790 m, S27 419868
- <sup>5</sup> Highest point: Ben Nevis 5304 ft / 1610 m, S27 437961

(Based on visits Apr. 1965, Feb. 1980, March 1980, Jan. 1981, Dec. 1981, Jan. 1982, March 1982, Nov. 1982, Jan. 1985, Nov. 1985, Dec. 1985, Jan. 1986, Aug. 1987, March 1989, April 1990, April 1992)

- (c) - confined to coast      m - confined to "mineral belt"
- (Ca) - confined to limestone

Distribution:

- (G) - Gordon Ra.
- (H) - Red Hills
- (B) - Ben Nevis Ra.
- (P) - Mt Patriarch<sup>†</sup>
- (T) - Mt Rintoul
- (S) - Mt Starveall
- (R) - Mt Richmond
- (F) - Mt Fishtail
- (V) - "mineral belt" SW of Dun Mtn, Bryant Ra. (Roding R. tributaries)
- (D) - Dun Mtn - Maungatapu, Bryant Ra.
- (W) - "mineral belt" NE of Saddle Hill, Bryant Ra.
- (L) - Red Hill "mineral belt" NNE of Mt Duppa, Bryant Ra.
- (unc) - uncommon or local

<sup>†</sup> name changed to Wairau Pk



TASMAN BAY



NELSON

Maitai R.

Saddle Hill A

Maungatapu SEE LIST

317

▲ Dun Mountain SEE LIST

206

FOR DUN MTN

Wairua R.

Roding R.

SEE LIST 329 FOR "MINERAL BELT" IN THIS AREA

BRYANT RANGE

Pelorus R.

Mt Fall A

Mt Richmond

Mt Starveall A

Boundary of study area

Motueka R.

Wairua R.

Purple Top Mt Rintoul

Old Man RANGE

Ben A Nevis RA.

Bishops Cap

Mt Edelweiss

L Chalices

Gordon RA

BEN NEVIS RA.

Bushy Top

Gowler R.

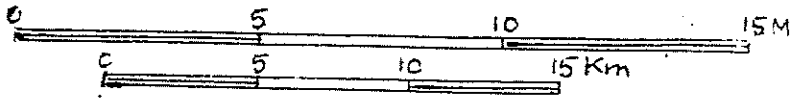
Mt Patriarch

RED HILLS SEE LIST 110 FOR RED HILLS AREA

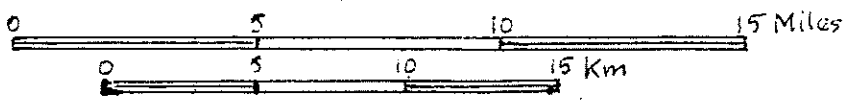
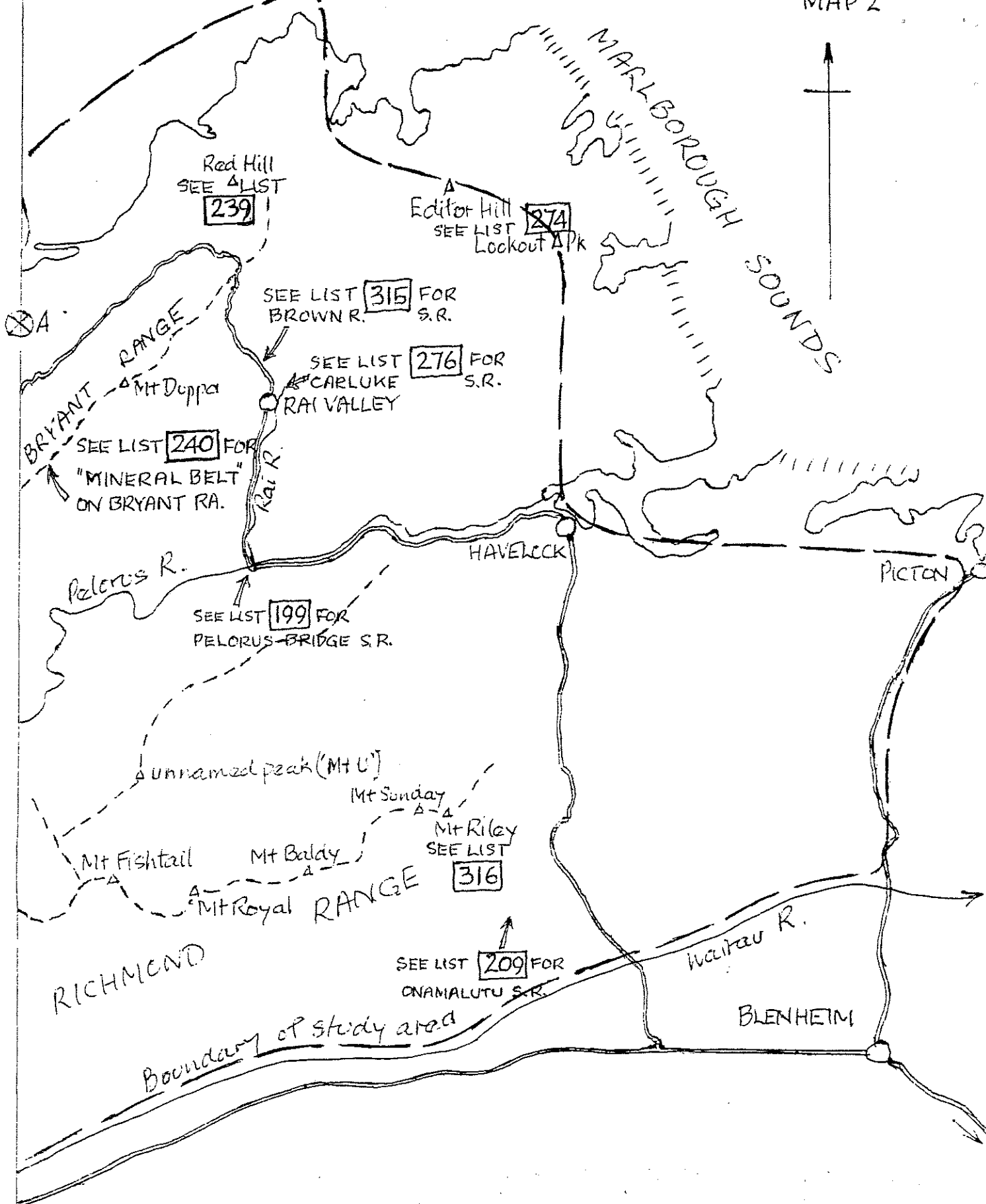
RICHMOND

Beebys Knob A

Wairau R.



B



⊗ B

INDIGENOUS PLANTSGYMNOSPERM TREES AND SHRUBS

*Dactyctenium dactyloides*  
*Dactyloctenium cupressinum*  
*Halocarpus bidwillii* (unc, H)  
*H. bififormis* (H, S, D, W)  
*Lagarostrobos colensoi* (Martin  
 1932, as 'silver pine')  
*Lepidothamnus laxifolius* (H, B, T, R, D, W)  
*L. intermedius* x *L. laxifolius* (unc, D and W)  
*Libocedrus bidwillii* (unc\*)  
*Phyllocladus alpinus* s.s.  
*P. trichomanoides* s.s.  
*P. sp.* (unnamed; aff. *P. alpinus*)  
*P. trichomanoides* x *P. sp.* (unc)  
*Podocarpus hallii*  
*P. nivalis*  
*P. totara* s.s.  
*P. acutifolius* x *P. nivalis* (unc, Ed. Hill)  
*P. hallii* x *P. nivalis*  
*Prumnopitys ferruginea*  
*P. taxifolia*

*Baileismedia tawa*  
*Carpodetus serratus*  
*Corynocarpus laevigatus* (C)  
*Dodonaea viscosa* var.  
*Dysoxylum spectabile*  
*Elaeocarpus dentatus* (incl. E. d.  
 var. *obovatus*)  
*E. hookerianus*  
*E. dentatus* x *E. hookerianus* (unc)  
*Entalea arborescens* (unc) (C)  
*Fuchsia excorticata*  
*Griselinia littoralis*  
*G. lucida* (Cheeseman 1882)  
*Hedycarya arborea*  
*Hoheria angustifolia*  
*H. populnea* var. *lanceolata* (unc,  
 Onamalotu)  
*H. angustifolia* x *H. populnea* (unc)  
*Knightia excelsa* (Martin 1932)  
*Laurelia novae-zelandiae*  
*Lophomyrtus bullata*  
*L. obcordata*

MONOCOT TREES AND SHRUBS

*Cordyline australis*  
*C. banksii*  
*C. indivisa* (unc)  
  
*Rhopalostylis sapida*

*L. bullata* x *L. obcordata*  
*Macropiper excelsum* var. *excelsum*  
*Melicope ternata* (C)  
*Melicope lanceolata* (incl. M. l. var.  
*latior*) (unc)  
*Mitramiflorus* ssp. *ramiflorus*  
*Metrosideros umbellata*  
*Myoporum laetum* var. *laetum*  
*Myrsine australis*

DICOT TREES

*Alectryon excelsus* var. *excelsus*  
*Aristotelia serrata*

\*except Motueka R., L. Branch; SSW of Red Hills; Dew Lakes area (Bryant Rd.); Riley and Editer Hill; in these areas the sp. is abundant

*Nestegis cunninghamii*  
*N. lanceolata*  
*N. montana* (unc)  
*Nothofagus fusca*  
*N. menziesii*  
*N. solandri* var. *cliffortioides*  
*N. s.* var. *solandri*  
*N. truncata*  
*N. fusca* X *N. solandri* (unc)  
*N. f.* X *N. truncata*  
*N. solandri* X *N. truncata*  
*Olearia avicenniiifolia*  
*O. paniculata*  
*O. tani* var. *colorata*  
*O. avicennii.* X *O. paniculata* (Martin 1938)

*Panrrentia corymbosa*  
*Pittosporum eugenioides*  
*P. patulum* (unc, H, S, P, and 'MtU')  
*P. tenuifolium* ssp. *tenuifolium*  
*Plagianthus regius* var. *regius*  
*Pseudopanax arborescens* var.  
*arborescens*  
*P. colensoi* s.s. (unc)  
*P. crassifolius*  
*P. edgerleyi* (unc, Opouri Saddle)  
*P. fetex* (unc, Waitoa V. and betw.  
 Hori Bay and Delawate Bay)  
*P. macintyrei* (unc, Hackett V.) (Ca)  
*P. simplex* (incl. *P. s.* var. *sinclairii*)  
*P. sp.* (unnamed; included in *P.*  
*colensoi*, as var. *ternatus* and as  
 var. *fiordensis*, by Wardle 1968)  
 (unc)

*Schefflera digitata*  
*Sophora microphylla*  
*Strobilus banksii* (C)  
*S. heterophyllus*  
*Syzygium mairi* (Martin 1932;  
 Simpson and Thomson, 1942)  
*Wainmannia racemosa* var.  
*racemosa*

#### DICOT SHRUBS

*Alapis flavida* (unc)  
*Alseuosmia pusilla* (Brown S.R.)  
*Aristolelia fruticosa* var.  
 (G, H, B, P, S, R, F, V, D, W, L)  
*A. f.* X *A. serrata* (unc)  
*Brachyglottis adamsii* (B, P, T, S, R, F,  
 'MtU', Baldy, Riley)  
*B. bidwillii* var. *viridis* (H, S, R, F)  
*B. repanda* s.s.  
*B. rotundifolia* var. (*B. elaeagnifolia*)  
 (unc, D, Duppa, Baldy, 'MtU', Editor Hill)  
*Carmichaelia arborescens* var. (*C. glabrata*)  
*C. corrugata* (unc, Waitoa V.)  
*C. sp.* (subgenus *Carmichaelia*)  
*Cassinia leptophylla* var. *lepto-*  
*phylla*  
*C. vauvilliersii*  
*Coprosma acetosa* ssp.  
*C. areolata*  
*C. cheesemani* s.s. (G, H, B, T, S, R, F)  
*C. ciliata* ssp. *ciliata*  
*C. colensoi* s.s.  
*C. crassifolia*  
*C. depressa* (G, B, T, R, F)

- C. foetidissima*  
*C. grandifolia*  
*C. linariifolia*  
*C. lucida* s.s.  
*C. microcarpa*  
*C. obconica* ssp. *obconica* (unc, D, Hackett V, and Wairoa V.)  
*C. parpusilla* ssp. *parpusilla* (G, B, S, R)  
*C. propinqua* ssp. *propinqua*  
*C. pseudocuneata* ssp. (lvs narrower than in ssp. *pseudocuneata*)  
*C. repens* (C)  
*C. rhamnoides* (incl. *C. polymorpha*)  
  
*C. rigida*  
*C. robusta*  
*C. rotundifolia*  
*C. rubra* (unc, Onamalutu 9 Rai V.)  
*C. rugosa* ssp. *rugosa*  
*C. setulata* (unc, Rand F)  
*C. tenuicaulis*  
*C. virescens* (unc, Wairoa V.)  
*C. sp. (i)* (unnamed; aff. *C. pseudocuneata*) (low-growing shrubs with small, thick arcuate lvs) (G, T, B, S, R, F)  
m *C. sp. (ii)* (unnamed) (prostrate shrubs; lvs plane-convex, linear; drupes orange) (H, unc B, S, D)  
  
*C. sp. (iii)* (unnamed) (*C. parviflora* var. *dumosa* sensu Allan 1961, non *C. p.* var. *dumosa* Cheeseman) (G, B, T, S, R, D, Riley, Editor Hill)  
*C. sp. (iv)* (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. (v)* (unnamed; aff. *C. colensoi*) (low-growing shrubs with trailing branches) (unc Editor Hill)  
*C. areolata* x *C. tenuicaulis* (unc)  
*C. cheesemani* x *C. ciliata* (unc)  
*C. propinqua* x *C. robusta*  
*Cornaria arborea*  
*C. sarmentosa*  
*C. arborea* x *C. sarmentosa*  
*Cotokia cotoneaster* var. *cotoneaster*  
*Cyathodes dealbata* (incl. *C. pumila*) (G, H, B, T, S, R)  
*C. empetrifolia* (H, S, R,  
*C. sp. (C. juniperina* agg.) (lvs small, vs. < 1 cm x < 1 mm)  
  
*Discaria tomatou*  
*Dracophyllum longifolium*  
*D. prunum* (H, S, V, D, W)  
*D. uniflorum* (B, T, S, R, F, 'MTU', Baldy, Riley)  
*D. longifolium* x *D. prunum*  
*D. l.* x *D. uniflorum*  
*D. prunum* x *D. uniflorum*  
  
*Epactis alpina* (unc, H)  
*Exocarpos biawillii* (H, Y, D, W)  
*Fuchsia excorticata* x *F. perscaud.*  
*Gaultheria antipoda* [ens (unc)]  
*G. crassa* (H, B, T, S, R, F)  
*G. depressa* s.s. (B, T, S)  
*G. macrostigma*  
*G. rubicola* (unc, B)  
  
*G. sp.* (unnamed; included in *G. depressa*, as var. *novae-zelandiae*, by Franklin 1962) (G, H, B, T, S, F, D, Riley, Editor Hill)

*G. antipoda* x *G. sp.* (unnamed)  
*G. crassa* x *G. nubicola* (unc, B)  
*G. nubicola* x *G. sp.* (unnamed)  
*Geniostoma rupestre* var. *ligostriifolium*  
*Hebe anomala* (G, H, B, T, S, R, F, Royal)  
*H. canterburienensis* (G, S, Riley)  
*H. carnosula* (H, B, P, T, S, R, F, D)  
 [H. decumbens - planted]  
*H. divaricata*  
*H. epacridea* var. *epacridea* (G, P)  
*H. gibbsii* (B, P, Bushy Top, Bishops Cap,  
 Purple Top, L. Chalice, Top V., Baldy)  
*H. gracillima* (H, R, L, Baldy, Guller V., Rai V.)  
*H. haaslii* var. (aff. var. *humilis*; see  
 Moore 1961, p. 940) (unc, R)  
*H. lycopodioides* (B, P, T, S, R, F)  
  
*H. macrantha* var. *brachyphylla* (T, S, R, F)  
*H. odora* s.s. (H, D)  
*H. rigidula* var. *rigidula* (T, S, R, F, Mt U, Palorus V.)  
*H. r.* var. (Editor Hill, Lookout Pk)  
*H. salicifolia* var. *salicifolia*  
*H. stricta* var. *atkinsonii*  
*H. tetragena* var. (*H. caustata*) (G, B)  
*H. topiaria* (H, S)  
*H. tumida* (G, B, P, T, S, R, F)  
*H. urvilleana* (S, W, L)  
*H. venustula* (incl. *H. brachysiphon*)  
 (G, H, S, R, F, V, D, W, 'Mt U')  
*H. vernicosa*  
*H. sp.* (i) (*Veronica squalida*)  
*H. sp.* (ii) (unnamed; aff. *H. rigidula*)  
 (round-headed shrub up to 1.5m tall  
 x 3m diam.; lvs up to 3x1cm, erecto-

patent, glaucous beneath, obscurely  
 keeled, conspicuously boat-shaped,  
 widest above mid-point) (G, B, P, T, S,  
 R, Royal, 'Mt U')  
*H. anomala* x *H. lycopodioides* (unc)  
*H. gracillima* x *H. salicifolia* (unc)  
*H. urvilleana* x *H. venustula* (?) (unc, W)  
*Halidrysium aggregatum* var. *aggregatum*  
*H. intermedium* var. (B, P, S, R, D; also  
 Motueka R, Left Branch, west of B)  
*H. parvifolium* (G, B, P)  
*H. intermedium* x *Leucogenes leontopatioides*  
 (unc)  
*H. i.* x *Raculia bryoides* (unc)  
*Ileostylus micranthus* (unc)  
*Kerthalsella lindsayi* s.s. (unc)  
*K. salicornioides* (unc)  
*Kunzea ericoides* agg.  
*Leptospermum scoparium*  
*Leucopogon fasciculatus* var.  
*L. fraseri* s.s.  
*L. suavaeolens* (incl. *Cyathodes colensoi*)  
 (G, H, B, P, T, S, R)  
*Melicope simplex*  
*Melicope alpinus* s.s.  
*M. crassifolius* var. *crassifolius* (c)  
*M. micranthus* (incl. *M. m.* var. *microphyllus*)  
*M. obovatus* var. *obovatus* (Roding V.)  
*M. obovatus* var. (hermaphrodite shrubs  
 us. < 1m tall; lf margins entire or with  
 1-2 conspicuous, blunt teeth) (c)  
*M. sp.* (unnamed; aff. *M. alpinus*) (low-  
 growing shrubs) (unc, R, Old Man)  
*M. micranthus* x *M. rami florus* (incl.  
*M. m.* var. *longiseolus*) (unc)



Myrsine divaricata s.s.  
M. nummularia (G, H, B, T, S, R, F, M, H, U, Riley)  
M. divaricata x M. salicina (incl. M. montana) (unc)

Neomyrtus pedunculata

Olea arborescens

O. cymbifolia (G, P, R)

O. hectorii var. hectorii (unc)

O. lacunosa var. lacunosa (Sunday and Riley)

O. nummularifolia var. (lvs distinctly longer than broad, rather than suborbicular as in var. numm.) (H)

O. odorata (Pine V)

O. serpentina (H, B, V, D, L, Duppa and Tinline V.)

O. solandri (C)

Pentachondria pumila

Peraxilla colensoi (unc)

P. tetrapetala (unc)

Pimelea gnidia

P. longifolia var. longifolia (unc, R, Mt Fall, 'M, H, U', Riley, and Editer Hill)

P. oreophila (G, H, B, T, S, R)

P. prostrata

m P. suteri (H, S, V, D)

P. tomentosa (unc, L)

P. urvilleana (C)

P. sp. (undetermined) (W, L)

Pittosporum anemalum (G, H, B, T, S, R, V, D, W)

P. divaricatum (unc)

P. rigidum var. (P. crassicaule) (S, R, Bryant Ra., Baldy, Riley, Ed. Hill)

6  
Plagianthus divaricatus (C)  
P. d. x P. regius (Cockayne and Allan, 1926, as P. d. x P. betulinus)

Pseudopanax anomalus

P. a. x P. simplex (unc)

Pseudowintera axillaris

P. colorata

Solanum laciniatum (unc)

Teucrium parvifolium (incl. T. p. var. luxurians) (unc, Waitoa V. and Rai V.)

Urtica ferox

U. f. x U. sp. (?) (unc) (Rai V.)

### MONOCOT LIANES

Ripogonum scandens

Freyinetia baueriana ssp. banksii

### DICOT LIANES AND RELATED

#### TRAILING PLANTS

Calystegia soldanella (C)

C. tuguriorum

Clematis foetida

C. foetida

('lutifolia' forms on V, D, and L)

C. paniculata

Fuchsia perscaudens (unc)

Metrosideros colensoi (incl. M. c. var. pendens)

M. diffusa

M. fulgens

M. perforata

Muehlenbeckia australis

M. axillaris

M. ephedroides

M. complexa

M. axillaris X M. ephedroides

Parsonsia capsularis

P. heterophylla

Passiflora tetrandra

Rubus australis

R. cissoides var. (leaflets broader than in var. cissoides)

R. schmidelioides var. subpauperatus

R. cissoides X R. schmidelioides (unc)

A. flaccidum

A. gracillimum

A. hookerianum

A. lyallii (unc) (Ca)

A. oblongifolium

A. polyodon

A. richardii (unc, Hands)

A. terrestre ssp. terrestre

A. sp. (unnamed; aff. A. trichomanes) (H, Hackett V.)

A. flaccidum X A. gracillimum

A. f. X A. terrestre

A. gracillimum X A. hookerianum (unc)

Azolla filiculoides

Blechnum chambersii

B. colensei

B. discolor

B. filiforme

B. fluviatile agg.

B. membranaceum

B. minus

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) (H, Editor Hill)

B. procerum X B. sp. (a)

B. chambersii X B. membranaceum

B. sp. (i) X B. sp. (ii)

Botrychium australe (unc)

**PSILOPSIDS AND LYCOPODS**

Tmesipteris elongata (incl. T. e. ssp. robusta) (unc)

T. signatifolia (Chinnock 1975) (Maitai V.)

T. tannensis (unc)

Lycopodium australianum

L. fastigiatum

L. scarosum

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

L. volubile

**FERNS**

Adiantum cunninghamii

A. aethiopicum (Cheeseman 1882)

Anarthropteris lanceolata

Arthropteris fenella (unc, C)

Asplenium bulbiferum

A. colensei

A. flabellifolium agg.

- B. biforme* (unc)  
*Charlanthes distans* (unc)  
*C. humilis*  
*Ctenopteris heterophylla*  
*Cyathea colensoi* (Bryant Ra., Baldy, Editor Hill)  
*C. dealbata*  
*C. medullaris*  
*C. smithii*  
*Cystopteris tasmanica* (H, B, T, S, R, F)  
*Deparia petersenii* (unc, Waitoa V.)  
*Dicksonia fibrosa*  
*D. squarrosa*  
*Diplazium australe*  
*Doodia media* ssp. *australis* (unc, C)  
*Glaichonia dicarpa* (Gibbs 1911, as *G. microphylla* (H) *G. circinata*)  
*Grammitis billardierei*  
*G. ciliata*  
*G. givenii* (unc, S, R, Duppa, Riley, Ed. Hill)  
*G. magellanica* ssp. *noltotageti*  
*G. patagonica*  
*G. paeppigiana*  
*Histiopteris incisa*  
*Hymenophyllum armstrongii* (Editor Hill)  
*H. bivalve*  
*H. cupressiforme* (unc)  
*H. demissum*  
*H. dilatatum*  
*H. ferrugineum*  
*H. flabellatum*  
*H. flexuosum* (unc)  
*H. lyallii* (unc, W)  
*H. malingii* (unc, D, Riley, Editor Hill)  
*H. minimum* (unc, F)  
*H. multifidum*  
*H. peltatum*  
*H. pulcherrimum* (unc, Sand Brown R. Sc. Res)  
*H. ratum* | *H. revolutum*  
*H. rufescens* (D, Duppa, Riley)  
*H. sanguinolentum* agg.  
*H. scabrum*  
*H. villosum*  
*Hypolepis ambigua*  
*H. dicksonioides* (unc, C)  
*H. distans* (Cheeseman 1882)  
*H. millefolium*  
*H. rufobarbata*  
*Lastreopsis glabella*  
*L. hispida*  
*L. microsora* ssp. *pentangularis*  
*L. velutina*  
*Leptolepis novae-zelandiae*  
*Leptopteris hymenophylloides*  
*Lindsaea linearis* (unc)  
*L. trichomanoides*  
*Ophioglossum coriaceum* ass.  
*Paesia scaberula*  
*Pellaea caliditupium* (unc) (C)  
*P. rotundifolia*  
*Phymatosorus pustulatus*  
*P. scandens*  
*Pneumatopteris pennigera*  
*Polystichum cystostegia* (unc, B, T, S, & R)  
*P. richardii*  
*P. silvaticum*  
*P. vestitum*  
*Pteridium esculentum*  
*Pteris pendula*  
*P. tremula*  
*Pyrosia oleagnifolia*  
*Rumohra adiantiformis*

Schizaea australis (unc, D)  
 Sticherus cunninghamii  
 Trichomanes endlicherianum  
 T. reniforme  
 T. venosum

P.sp(i) (unnamed; aff. P. montana) (unc)  
 P.sp(ii) (unnamed; aff. P. graminea) (Rodrig V.)  
 Thelymitra carnea (unc)  
 T. decora  
 T. formosa  
 T. hatchii  
 T. longifolia  
 T. pauciflora

**ORCHIDS**

Acianthus sinclairii  
 Adenochilus gracilis  
 Aporostylis bifolia  
 Caladenia lyallii  
 C. sp. or spp. (C. carnea egg)  
 Chiloglossis cornuta  
 C. valida (unc, F)  
 Corybas aconitiflorus  
 C. macranthus ← C. acuminatus (unc)  
 C. oblongus ← C. cryptanthus (unc)  
 C. rivularis s.s.  
 C. trilobus s.s.  
 Ectostylis reniformis s.s. (unc)  
 Dendrobium cunninghamii (unc)  
 Dymnocanthus adversus  
 D. sp. (unnamed) (unc)  
 Ectaria autumnalis  
 E. incoronata s.s.  
 Gastrodia cunninghamii  
 G. minor (unc)  
 G. sasameoides (unc)  
 Microtis unifolia  
 Orthoceras novae-zeelandiae  
 Prasophyllum colensei  
 Pterostylis albulata (unc)  
 P. australis  
 P. banksii  
 P. foliata (unc)  
 P. graminea  
 P. humilis (unc, H, D, and W)  
 P. irsoniana (unc)  
 P. oliveri (unc)  
 P. venosa (unc, Editor Hill)

**GRASSES**

Agrostis muelleriana (G, P, T)  
 A. personata (G, H, S, Editor Hill)  
 A. sp. (unnamed; aff. A. dyeri)  
 (panicle spreading, not contracted  
 as in A. dyeri) (G, H, B, T, F, D, Duppa,  
 Riley, Editor Hill)  
 Anemanthale lessoniana (Hackett V.)  
 Chionochoila australis (H, B, T, S, R, F)  
 C. cheesemaii  
 C. conspicua ssp. conspicua  
 m C. defracta (H, V, D, W)  
 C. pallens ssp. pallens (G, F, T, B,  
 S, R, 'M+U', Baldy, Riley)  
 C. tubra ssp. (H)  
 C. sp(i) (unnamed) (C. flavescens  
 auct. South Island, non C.  
 flavescens Zetov) (G, S, R)  
 C. defracta x C. pallens (unc,  
 B/H boundary)  
 C. d. x C. tubra (unc, H)  
 C. sp(ii) (cf. C. flavescens s.s.)  
 (Editor Hill, Lookout Pk)  
 C. conspicua x C. defracta (unc, Hackett V.)

- 10
- Cortaderia richardii
- Deschampsia tenella (T, S, R, L. Challice) →
- Deyeuxia aucklandica (G, B, R, Riley) m
- D. avenoides (incl. D. a. var. brachyantha)
- D. billardierei (C)
- Dichelachne erinita
- D. inaequiglumis (unc)
- Echinopogon oratus
- Elymus multiflorus (Cheeseman 1882, as Triticum multiflorum)
- E. narduroides (unc, H)
- E. sp.(i) (aff. E. rectisetus) (lamina usually flat; awns 4-6cm long) (unc, G, H, and L. Challice)
- Festuca sp.(i) (unnamed; aff. F. rubra) (H, S, F, V, D, W, L)
- F. sp.(ii) (F. matthewsii sensu Connor 1968) (G, H, B, P, R, F)
- Hierochloa novae-zelandiae (G, R?, F, W)
- H. recurvata (G, S, R)
- H. redolens
- Isachne globosa (Cheeseman 1925, as I. australis)
- Koeleria cheesemanii (G, P, T)
- K. sp. (K. novae-zelandica agg. (lvs flat) (G, P, L. Challice)
- Lachnagrostis filiformis s.s. (unc, C)
- L. sp.(i) (unnamed; included in L. f. as var. semiglabra, by Zotov 1965)
- m L. sp.(ii) (unnamed) (V, D)
- L. sp.(iii) (undetermined) (unc, Wairau V.)
- Oplismenus imbecillus (
- Microlaena avenacea
- M. colensoi (unc)
- M. polynoda (unc, C)
- M. stipoides
- Poa acicularifolia ssp. ophitalis (H)
- P. anceps ssp. anceps
- P. breviglumis
- P. buechananii (unc, G and B)
- P. cita ssp.
- P. colensoi
- P. dipsacea (unc, G and B)
- P. imbecilla
- P. kirkii (G, T, R)
- P. lindsayi (unc, L. Challice)
- P. pusilla (unc)
- P. sp. (unnamed; aff. P. nz.) (G, P, T, R)
- P. colensoi x P. sp. (unnamed) (unc, G and R)
- 
- m E. sp.(ii) (aff. E. rectisetus) (lamina usually channelled; awns 2-3cm long) (V, D)
- 
- Puccinallia stricta
- Rytidosperma buechananii
- R. clavatum
- R. gracile
- R. setifolium
- R. unarode
- Spinifex sericeus (C)

- Trisetum youngii* (unc, F) *C. fersteri*  
*T. sp. (i)* (unnamed; included *C. gaudichaudiana* (B, T)  
in *T. antarcticum*, as ssp. *tenellum*, *C. geminata* s.s.  
by Petrie (1912) (H) *C. goyenii* (H)  
*C. inversa* (Palorus S.R.)  
*T. sp. (ii)* (unnamed) (plants slender; *C. lambertiana*  
if sheath glabrous or nearly so; lf *C. lessoniana*  
blade flat, up to 2.5 mm wide, *C. pumila* (C)  
margins smooth) *C. pyrenaica* var. *cephalotes* (B)  
m *T. sp. (iii)* (unnamed; aff. *T. antarcticum*) *C. raoulii* (Cheeseman 1882)  
(if sheath densely hairy, with both *C. secta* s.s.  
long and short hairs, especially *C. sinclairii* (H)  
in the lower two-thirds) (H, V, D) *C. solandri*  
*C. subdola* (unc)  
*T. sp. (undetermined)* (B) *C. testacea* s.s. (unc)  
*Zoysia minima* (Cheeseman m *C. traversii* (H, S, V, D)  
1882, as *Z. pungens*) *C. unciifolia* (H)  
*C. virgata*

### SEDGES

- Baumea juncea* (Martin 1932) *C. wakatipu* s.s. (G, R)  
*B. rubiginosa* *C. sp. (P)* (= *C. dissita* var. *monticola*?) (H)  
*B. tenax* *Catpha alpina* s.s. (G, H, B, S, R, D)  
*Carex aciculata* (B, T, S, R, F, Riley) *Cyperus ustulatus*  
*C. breviculmis* *Desmoschoenus spiralis* (unc) (C)  
*C. buchananii* (Wairau V.) *Fleocharis acuta*  
*C. cockayneana* *Gahnia pauciflora*  
*C. comans* *G. precera* (W, S, V, D, Editor Hill)  
*C. coriacea* *G. setifolia*  
*C. dallii* (unc, H) *G. xanthocarpa*  
m *C. devia* (H, S, V, D, W, L) *Isolepis aucklandica* (G, H, B, S, R, V, D)  
*C. dipsacea* var. *dipsacea* *I. caligenis* (G)  
*C. dissita* s.s. *I. cernua* (C)  
*C. echinata* var. (*C. stellulata*  
var. *australis*) (H, D) *I. habra*  
*C. flagellifera* *I. nodosa* (C)  
*I. pottsii* (unc)

*I. prolifera* (Cheeseman 1882)  
*I. subtilissima* (H, L)  
*I. sp.* (*I. pottsii*?) (H)  
*Lepidosperma australe*  
*Oreobolus pectinatus* (G, H, B, T, S, R, F, V, D, W, Editor Hill)  
*O. strictus* (H)  
*Schoenoplectus pungens* (C)  
*S. validus* (Martin 1932, as *Scitopus laeostrius*)  
*Schoenus apogon* (incl. *S. a.* var. *caespitans*)  
*S. maschalinus*  
*S. pauciflorus* s.s. (G, H, B, S, R, F, V, D, W, Editor Hill)  
*Uncinia astonii* (Riley, Editor Hill)  
*U. banksii*  
*U. caespitosa* (G, B, S, R, F, Riley)  
*U. clavata*  
*U. distans* (unc)  
*U. divaricata*  
*U. dvocei* (unc, Riley)  
*U. ferruginea*  
*U. filiformis*  
*U. fuscovaginata* var. (plants glaucous)  
*U. gracilentata* (Brown S.R., Ed. Hill)  
*U. involuta* (unc, T and Riley)  
*U. laxiflora* (unc)  
*U. leptostachya*  
*U. longifruetus* (T, R, Baldy, Doppa)  
*U. nervosa* s.s. (unc, G, R, & Editor Hill)  
*U. rupestris* (incl. *U. angustifolia*)  
*U. scabra*

*U. silvestris* (incl. *U. affinis*)  
*U. uncinata*  
*U. zotovii*  
*U. sp.* (unnamed) (*U. affinis* Hamlin 1959, non *U. tipatia* var. *affinis* Col. ex Clarke; see Neotabeom 1978) (R, Riley)

#### RUSHES AND ALLIED PLANTS

*Centrolepis ciliata* (H, D)  
*Empodisma minus* (H, D)  
*Juncus antarcticus* (unc, Editor Hill)  
*J. australis*  
*J. distegus*  
*J. gregiflorus*  
*J. maritimus* var. *australianus* (C)  
*J. novae-zelandiae*  
*J. pallidus*  
*J. pauciflorus* (Edgar 1964)  
*J. planifolius*  
*J. sarophorus*  
*Leptocarpus similis* (C)  
*Luzula colensoi* (T, R)  
*L. migrata* (H, B, T, R, F)  
*L. picta* s.s.  
*L. pumila* (G, B, P, T)  
*L. rufa* s.s.  
*L. subclavata*  
*L. traversii* s.s. (G, B)  
*L. sp. (i)* (unnamed; included in *L. picta*, as var. *limosa*, by Edgar 1966)  
*L. sp. (ii)* (unnamed) (G, S)

L. sp. (iii) (unnamed; included in L. crinita, as var. petricana, by Edgar 1966) (H)

m L. sp. (iii) (unnamed; aff. L. rufa) (lvs up to 25mm wide, channelled, strict; heads 6-9-(12)mm diam.; tepals slightly > capsules) (H, V, D)

L. colensoi x L. migrata

L. migrata x L. rufa

L. m. x L. sp. (ii) (?)

Marsippospermum gracile (T, R, F)

Luzuriaga parviflora

Photmium cookianum

P. tenax

Potamogeton cheesemani

Ruppia megocarpa (Mason 1967) (C)

Triglochin striata (C)

Typha orientalis

Zostera muelleri (C)

**COMPOSITE HERBS**

Abrotanella caespitosa (B, R)

Anaphalis ketensis ss.

A. sp. (Helichrysum bellidioides ss.)

A. sp. (H. bell.) x Leucogenes leontopodium (unc, Grass Knob W. of Mt Richm)

Brachyglottis lagopus var. lagopus (H, B)

B. trarvetsii (unc, Pelorus V. and Tinline V.)

B. sp. (unnamed) (G, H, B, P, T, S, R, F, V, D, 'Mt U', Baldy, Riley, Editor Hill)

Brachyscome radicata (H, S)

B. sindaitii (G)

Celmisia alpina (H)

C. cordatifolia ssp. cordatifolia (B, P, T, S, F, formerly on Duppa)

C. c. ssp. (var. similis) (R)

C. gracilentia ssp.

C. hieracifolia ssp. (B, P, T, S, R, F, D, Sunday, Duppa, 'Mt U', Baldy, Riley, Ed. Hill)

C. incana (incl. C. discolor) (G, H, B, T)

C. laticifolia (G, B, T, F)

C. macmahonii ssp. (var. hadfieldii)

(T, S, P, R, F, Edelweiss, Royal)

C. montoi ssp. montoi

C. m. ssp. (C. semicordata var. semicordata) (G)

**MONOCOT HERBS OTHER THAN**

**ORCHIDS GRASSES SEDGES RUSHES**

Arthropodium candidum

Astelia fragrans

A. graminea (H, S, V, D, W)

A. nervosa ss. (H, R?)

A. petrici (unc, G, P, and R)

A. solandri

A. sp. (i) (unnamed; aff. A. nervosa) (lvs narrower than in A. nervosa) (unc) (G, H, T, S, R, 'Mt U', Editor Hill)

A. sp. (ii) (unnamed; aff. A. nervosa) (lvs not conspicuously white axially as in A. nervosa) (B, S, D, L, Baldy, Riley, Editor Hill)

A. graminea x A. nervosa (?) (unc, H)

A. g. x A. sp. (ii) (unc, W)

Bulbinella hookeri (unc, H, R, & F)

Dianella nigra

Lemna sp. (L. minor auct. N.Z)

Libertia grandiflora

L. ixiooides

L. pulchella (unc, Bryant Ra., Editor Hill)



*C. rutlandii* (P, R, F, Royal, Sunday, Riley)

*C. sessiliflora* (G, B, T, S, R, F)

*C. sinclairii* (incl. *C. allanii* and *C. durietzii*) (G, H, B, P, T, S, R, F, D)

*C. spectabilis* ssp. *spectabilis* (G, H, P, T, S, R, F, D, Riley)

*C. viscosa* (R, F)

*C. sp.* (unnamed; aff. *C. gracilentata*) (plants strongly rhizomatous) (H, Editor Hill)

*C. cordatifolia* var. *similis* X

*C. spectabilis* (unc, R)

*C. gracilentata* X *C. spectabilis* (unc)

*Cotula coronopifolia* (C)

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

*C. uniflora* var. (Hackett V.) (Ca)

m *C. sp.* (i) (unnamed) (summer-green plants; lvs green to whitish, both surfaces thinly clad in cottony hairs which mat together to form a light felt closely appressed to the lf surface; lf margins white with a band of felted cottony hairs; fls white) (H)

m *C. sp.* (ii) (unnamed) (evergreen plants; lvs green, both surfaces densely clad in both very short glandular hairs, not of uniform length, and long multicellular, non-glandular hairs; lf margins faintly white with a thin band of cottony hairs; fls white) (V)

*C. sp.* (iii) (unnamed) (summer-green plants; lvs green, both surfaces clad in both short glandular hairs and long multicellular, non-glandular hairs with cottony tips; lf margins white with a band of cottony hairs; fls white) (B, G, H)

(continued on p. 15)

- Gnaphalium avdax
- G. delicatum (unc, Editor Hill)
- G. ensifer (unc, near L. Challice)
- G. gymnocephalum
- G. limosum s.s.
- G. mackayi s.s. (G, B, T, R)
- G. polylepis (V, Waitoa V., Pelorus V.)
- G. ruahinicum
- G. sphaeticum
- G. sp. (unnamed; aff. G. limosum)  
(lvs linear) (unc, Pelorus Sc. Res.)
- Haastia pulvinatis s.s. (R, T)
- H. sinclairii s.s. (G, B, P, T, F)
- Helichrysum filicaule
- Lagenifera cuneata (H, P)
- L. pinnatifida
- L. pumila
- L. strangulata
- Leptinella dandyi (G, P)
- L. dioica ssp. dioica (G, H, B, S, R)
- L. nana (Lloyd 1972) (Rai V.)

- Pseudognaphalium sp.(i) (unnamed; aff. P. luteoalbum) (lvs mostly linear-spathulate to linear, acute)
- P. sp.(ii) (unnamed; aff. P. luteoalbum) lvs mostly oblong-spathulate to narrowly oblong, rounded)

(continued on p. 16)

- L. pyrrhifolia agg.
- m L. sp.(i) (Cotula linearifolia) (H)
- L. sp.(ii) (unnamed; included in L. squalida, as ssp. mediana, by Lloyd and Webb, 1987)

- Leucogenes laetopodium s.s.  
(B, P, T, S, R, F, Edelweiss)
- Microsetis scapigera var.

Raoulia australis agg.  
R. bryoides (G, B, P, T, S, R, F, Royal)  
R. eximia var. eximia (T, S)  
R. glabra  
R. grandiflora var. grandiflora (G, H, B, T, S, R, F)  
R. subsericea

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

R. bryoides x Leucogenes leonto-

podium (R. x gibbsii) (unc)

R. b. x R. grandiflora (unc)

Senecio glomeratus

S. hispidulus

S. lautus ssp. lautus (C)

S. minimus

S. quadridentatus

S. wairauensis

Taraxacum magellanicum (G, B, S)

Vittadinia australis agg

**DICOT HERBS OTHER THAN COMPOSITES**

Acaena ansetinifolia

A. caesioglauca (G, P, M+U)

A. denticola

A. inermis

A. juvenea

A. profundincisa (G, H, P, T, S, R, F)

A. ansetinifolia x A. inermis (unc)

Aciphylla aurea (P, T, S, R, F, M+U)

Accolensoi var. colensoi (unc,  
R and F)

A. ferox (unc, B, S, R?, Riley) 16

A. montoi (G)

A. polita var. polita (B, P, T, S, R, F, Royal,  
Riley)

A. sp. (unnamed; aff. A. aurea) (G)

A. aurea x A. polita (unc R)

Anisotome aromatica (G, H, B, T,  
S, F, V, W, 'M+U', Baldy, Riley)

A. filifolia (G, H, B, R, F, V, W)

m A. flexuosa var. (lvs broader than  
in var. flexuosa; ultimate seg-  
ments produced into acicular  
tips up to 5 mm long) (H)

Apium prostratum ssp. (C)

A. sp. (slender) (C)

Australina pusilla

Callitriche petrici ssp. petrici (unc)

Cardamine bilobata (B, P, T)

C. sp. (i) (aff. C. corymbosa)

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

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

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

m C. sp. (v) (C. debilis agg.) (style short)  
(H)

C. sp. (vi) (unnamed) ("Scree Race"  
of Pritchard 1957) (G, B)

C. sp. (vii) (unnamed) (cf. "Tussock Race"  
of Pritchard 1957) (T)

- Centella uniflora
- Cheesemania fastigiata ss. (B,P,T,S,R,F)
- Chenopodium glaucum var. <sup>ambiguum</sup>
- C. pusillum (Cheeseman 1925)
- Colobanthus acicularis (G,B,P,T,S,R,F)
- C. affinis (G,B)
- C. apetalus (incl. C. a. var. alpinus)
- C. buehnananii (B,T,R)
- C. strictus (B)
- m C. sp.(i) (unnamed) (resembling Sagina procumbens; sepals 4, blunt-tipped) (H,B,S,V,D,W,L)
- m C. sp.(ii) (unnamed) (sepal us. 4, rarely 5; lvs and sepals acicular-tipped) (H)
- Crassula tetramera
- Daucus glochidiatus (unc)
- Dichondra repens var.
- D. sp. (unnamed)
- Disphyma australe ssp. australe (C)
- Drosera ateturi (H,B,D)
- D. peltata ssp. auriculata
- D. spathulata (H)
- Epilobium alsinoides ss.
- E. atiplicifolium s.s.
- E. brunnescens ss.
- E. chionanthum (unc)
- E. cinereum
- E. chlorifolium (G,B,T,R,F)
- E. cockayneanum (G,H,B,T,S,R,F,Riley)
- E. glabellum ss. (G,B,P,T,S,R,F)
- E. gracilipes (unc, Hackett V.) (Ca)
- E. insulare (unc)
- E. komarovianum
- E. krulleanum (G,B,P,R)
- E. linnaeoides
- E. macropus (G)
- E. margaretae (G,B,T,S,R)
- E. melanocaulon
- E. microphyllum
- E. nerteticoides
- E. nummularifolium
- E. pallidiflorum (unc)
- E. pernitens (G,T,R,F, Editor-Hill)
- E. pictum (Raven & Raven, 1976)
- E. pubens
- E. pycnostachyum (G,B,T)
- E. rotundifolium
- E. tasmanicum (B,P,T)
- E. tenuipes ss. (G,H)
- E. sp. (unnamed; included in E. brunnescens, as ssp. minutiflorum, by Raven and Engellhorn, 1971)
- E. macropus x E. sp. (unnamed) (G)

\* one or other or both spp. present on G, B, P, T, S, R, F, M+U, Riley  
(*K. dieffenbachii* definitely on G, P, S, R, Riley)  
(*K. villosa* definitely on S)

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- Euphrasia cuneata* (L, Whangamoau V) *Gonocarpus aggregatus*  
*E. montoi* (G, B, P, T, S, R, F, D, Riley) *G. micranthus* ssp. *micranthus*  
*E. zelandica* (Martin 1932) *G. montanus*  
*Forstera tenella* (G, B, T, R, F, D) *Haloragis erecta* ssp. *erecta*  
*F. sp.* (unnamed; aff. *F. setifolia*) (T, S, R, F) *Hydrocotyle dissecta*  
*Galium perpusillum* s.s. *H. elongata*  
*G. propinquum* *H. heteromeria*  
*G. trilobum* (unc) *H. hydrophila* (unc)  
*Gentiana tenuifolia* (G, P, L. Chalice) *H. microphylla*  
*G. sp.* (i) (unnamed; aff. *G. bellidifolia*) (S) *H. moschata*  
*G. sp.* (ii) (unnamed; aff. *G. bellidifolia*) (H) *H. novae-zeelandiae* s.s.  
*G. sp.* (iii) (unnamed; aff. *G. tenuifolia*) *H. sp.* (unnamed; included  
(biennial; stems few, tall, erect) in *H. novae-zeelandiae*, as  
(HVDL) var. *montana*, by Kirk 1899) (G, H)  
*G. sp.* (iv) (unnamed; aff. *G. corymbifera*) (G, H, B, P, T, S, R, F, 'M+U', Baldy, Riley) *Hypericum japonicum* agg.  
*Geranium (microphyllum)* *Kelleia dieffenbachii* \*  
*G. potentilloides* var. *potentilloides* *K. laxa* (G, H, R, D, Beebys Knob)  
*G. sassiliflorum* var. *novae-zeelandiae* *K. villosa* var. *villosa* \*  
*G. solandeti* (unc, C) *K. multiflora* (unc, G, B, P, T, S, R, and F)  
*G. sp.* (unnamed) (unc, H)  
*Geum laiospermum* (B) *Lignocarpa diversifolia* (unc, G)  
*G. sp.* (*G. parviflorum* agg.) *Lilaeopsis* sp. (C)  
(stock short; terminal leaflet *Linum monogynum* (C)  
about as long as broad; fls *Lobelia anceps*  
up to 13mm diam.) (G, T, F) *L. roughii* (G)  
*G. laiospermum* x *G. sp.* (*G. parviflorum* agg.) (unc, B) *Mazus radicans* (unc, Hackett V.)  
*Gingidia montana* (H, Top V) *Mentha cunninghamii*  
*Glossostigma elatinoides* *Montia fontana* s.s. (G, B)

Myosotis forsteri

m M. laeta (H,S)

M. macrantha (unc, T)

m M. montoi (H,D)

M. pygmaea s.s. (Old Man)

M. spathulata (Cheeseman 1882)

M. tenericaulis (unc, B, S, and Metueka R. Left Bianchi)

M. venosa (unc, Goulter V.)

M. sp. (i) (M. saxatilis Petrie 1918,

non M. saxatilis Pallas 1795) (G, P, T)

M. sp. (ii) (unnamed; included in

M. pygmaea, as var. drucei, by

Moore 1961) (G, B, P, R, T, S, F, Riley)

M. sp. (iii) (M. australis agg.) (fls yellow) (G)

M. sp. (iv) (M. australis agg.) (fls small, white) (G, R, Riley)

> Myriophyllum propinquum (H)

Nertera balfouriana (B, D)

N. ciliata

N. depressa (incl. N. cunninghamii)

N. sp. (unnamed; aff. N. dichondri-

folia) (hairs present on both

surfaces of lf, straight, not

hooked as in N. dichondri-  
folia) (G, B, P, T, S, R, F)

m N. sp. (N. australe, auct., non Thlaspi  
australe Hook. f.) (H, V, D)

m N. sp. (unnamed)

(lvs thick, fleshy, linear to linear-

oblanceolate; margins entire

or with a few small lobes) (H-

Red Hill)

Oreomyrthis colensei s.s. (incl.

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

O. sp. (unnamed; aff. O. tamosa)

Oreostylidium subulatum (H)

Ourisia caespitosa var. caespitosa  
(unc, T and west of R)

O. lactea ssp. lactea (H, B)

O. sp. (unnamed) (unc, S, R, and F)

O. caespitosa X O. lactea (unc) (T)

Oxalis oxilis

O. magellanica

O. rubens (unc, C)

Parakebe cheesemanii (G, B, P, T, S, R, F)

P. lyallii (F)

Parietaria debilis

Peperomia urvilleana (C)

Phyllachne coleusii <sup>var.</sup> (G, B, P, T, S, R)

Plantago lanigera (F?)

P. novae-zelandiae (H)

P. taoulii

(insert opp. column)

> Neopaxia sp. (i) (Montia calycina)  
(include Claytonia australasica var.  
biflora) (G, H, B, P, T, S, R, F, D, 'MTU')

N. sp. (ii) (unnamed) (petals subacute;  
seeds dark red-brown, slightly  
longer than wide) (unc, B)

- P. uniflora* (B) agg.  
*Polygonum salicifolium* (Chesem. 1882, S. Brockie (H)  
 as *P. minus* var. *decipiens*)  
*Poranthura microphylla* (V, D, Maitai V., Pelorus V., Tinline V.)  
*Pratia angulata* agg.  
*P. perpusilla* (Martin 1938)  
*P. macrodon* s.s. (G, B, S, F)  
*Ranunculus crithmifolius* ssp.  
*crithmifolius* (G)  
 and/or *R. Royi*  
*R. foliosus* (G, H, B, T, S, R)  
*R. glabrifolius* (unc)
- R. insignis* (B)
- R. membranifolius*  
*R. reflexus*  
*R. verticillatus* (G, H, B, P, T, S, R, F, 'MTU', Riley)  
*R. sp.* (unnamed; included in *R. lappaceus*, as var. *macrophyllus*, by Kirk 1899) (unc, H)
- Rorippa palustris* (L. Challice)  
*Rumex flexuosus* (Cheeseman 1882)  
*Samolus repens* var. *repens* (C)  
*Sarcocornia quinqueflora* (C)
- Schizaelema colensoi* (Motuoka R. Left Branch)  
*S. nitens* (G)  
*S. pallidum* (G, B, T, R, F)  
*S. roughii* (B, T, S, R, F, D, Royal, 'MTU', Baldy, Riley)
- Sceleranthus biflorus* (Land coast)  
*S. uniflorus* (G, H, P, T)  
*Scutellaria* n. sp. (Roding V., Maitai V., Rai V., Pelorus V., Tinline V.)  
*Selliera radicans* agg. (C)  
*Spergularia media* (C)  
*Stellaria decipiens* (incl. *S. parviflora*)  
*S. gracilentata*  
*S. roughii* (unc, G, P, T, and F)
- Urtica incisa*
- Viola cunninghamii*  
*V. filicaulis*  
*V. lyallii*  
*Wahlenbergia albomarginata*  
 var. *albomarginata* (incl. *W. pygmaea* var. *laxa*, *W. Brockie*, and *W. simpsonii*)  
*W. gracilis* s.s. (C)  
*W. rupestris*
- No. of species: 852.

21.

ADVENTIVE PLANTS  
(above 3000ft)

GYMNOSPERM TREES

*Pinus contorta*  
*Pseudotsuga menziesii* (unc)

GRASSES

*Agrostis capillaris*  
*Alopecurus catenatus*  
*Anthoxanthum odoratum*  
*Bromus hordeaceus* (unc, near hut)  
*Dactylis glomerata*  
*Festuca arundinacea* (unc, near hut)  
*F. nigrescens*  
*Holcus lanatus*  
*Poa annua* (unc)  
*P. pratensis*  
*Rytidosperma penicillatum*

COMPOSITE HERBS

*Cirsium vulgare*  
*Crepis capillaris*  
*Hieracium praealtum* (unc)  
*Mycelis muralis*  
*Senecio jacobaea*  
*S. sylvaticus* (unc)

DICOT HERBS OTHER THAN COMPOSITES

*Cerastium fontanum* ssp. *vulgare*  
*Digitalis purpurea*  
*Linum catharticum*  
*Rumex acetosella*  
*Sagina procumbens*  
*Trifolium repens*  
*Veronica arvensis*  
*V. scirpyllifolia*



Doubtful and erroneous records not included in main list

<u>Record</u>	<u>Probable identity of plant on which record based</u>
<i>Aciphylla squarrosa</i> (Gibbs 1911)	<i>Aciphylla</i> sp.
<i>Anaphalis tinervis</i> (Martin 1932, as <i>Gnaphalium tinerve</i> )	<i>Anaphalis katiensis</i>
<i>Anisotoma</i> sp. ("resembles a large pedunculate form of <i>A. imbricata</i> ") - Martin 1932)	<i>Anisotoma</i> sp.
<i>Asplenium obtusatum</i> (Cheeseman 1882)	<i>Asplenium oblongifolium</i> (?)
<i>Astelia linearis</i> (Cheeseman 1882)	<i>Astelia graminea</i> (?)
<i>Carex ternaria</i> (Martin 1932)	<i>Carex geminata</i> or <i>C. lessonioides</i>
<i>Colmisia spectabilis</i> X <i>C. traversii</i> (Given 1984)	
<i>Cheesemania latifolia</i> (Jane, 1992)	
<i>Chionochloa flavescens</i> (Martin 1932, as <i>Danthonia taoulii</i> var. <i>flavescens</i> )	<i>Chionochloa</i> sp. (unnamed)
<i>C. rigida</i> (Gibbs 1911 and Betts 1918, as <i>Danthonia taoulii</i> )	<i>C. defracta</i>
<i>Clematis cunninghamii</i> (Gibbs 1911, as <i>C. parviflora</i> )	<i>Clematis foetida</i>
<i>C. marata</i> (Cockayne 1928, p. 194; Martin 1938) X <i>C. forsteri</i> ("tutaefolia" forms)	
<i>Blechnum nigrum</i> (Walls 1984)	
<i>Brachyglottis bellidifolius</i> (Martin 1932, as <i>Senecio bellidifolius</i> )	
<i>Carex lachenalii</i> (Cheeseman 1925, as <i>C. lagopina</i> )	
<i>Coprosma parviflora</i> (Cockayne 1928, p. 194; Martin 1932)	<i>Coprosma</i> sp. (iv) (unnamed)
" <i>Cotula linearis</i> " (Martin 1932)	nomen nudum
<i>Dracophyllum kirku</i> (Oliver 1952)	
<i>Diosmarini folium</i> (Cheeseman 1882, Gibbs 1911, Betts 1918 and 1919)	<i>Diosmarini folium</i>
<i>D. rosmarini folium</i> (Martin 1932)	<i>D. uniflorum</i> (?)
<i>Epactis pauciflora</i> (Martin 1932)	<i>Epactis alpina</i> (see Martin 1938, pp. 415, 418)
" <i>Gaum leiophylla</i> " (Martin 1932)	nomen nudum

RecordProbable identity of plant on  
which record based

- Hebe cheesemani* (Macdonald 1980)  
*H. ligustrifolia* (Cheeseman 1882,  
 as *Veronica ligustrifolia*)
- H. pinguifolia* (?) (Betts 1918, as  
*Veronica pinguifolia*?) *Hebe carnosula*
- H. rupicola* (Martin 1932)
- H. subalpina* (?) (Martin 1932)
- H. odora* X *H. vernicosa* (Martin  
 1932, as *H. buxifolia* X *H. vernicosa*)
- H. traversii* X *H. vernicosa* (Martin 1932)
- Lagenifera petiolata* (Cheeseman 1882) *Lagenifera strangulata*
- Lepidothamnus intermedius* (Cheese-  
 man 1882, as *Dactyidium intermedium*) *Lepidothamnus intermedius* X *L.*  
*laxifolius* (?)
- Leptinella pectinata* (Martin 1932, as *Cetula*  
*pectinata*)
- Leucogenes grandiceps* (Martin 1932)
- L. g.* X *Raculia bryoides* (Allan 1961) *Leucogenes leontopodium* X  
*Raculia bryoides*
- Metrosideros robusta* (Betts 1919) *Metrosideros umbellata* (?)
- Myosetis saxosa* (Cheeseman 1882,  
 as *Exarrhena saxosa*) *Myosetis monrei* (?)
- Myrsine chathamica* (Cochayne  
 1928, p. 194, as *Sottoma chatham-*  
*ica*) *Myrsine divaricata* X *M. salicina* (?)
- Olearia virgata* (Gibbs 1911, Betts 1920) *Olearia serpentina*
- Oreoporanthera alpina* (Simpson &  
 Thomson, 1942, as *Poranthera alpina*) *Poranthera microphylla* (?)

<u>Record</u>	<u>Probable identity of plant on which record based</u>
<i>Oursia macrocarpa</i> ssp. <i>calycina</i> (Attoyo 1984)	<i>Oursia</i> sp. (unnamed)
<i>O. sessilifolia</i> (Martin 1932, as " <i>O. sessiliflora</i> ")	
<i>Pimelea lyallii</i> (Cheeseman 1882)	<i>Pimelea suteri</i> var. <i>suteri</i>
<i>P. zericeovillosa</i> (Cheeseman 1925)	
" <i>Pittosporum nigrum</i> " (Martin 1932)	<i>nomen nudum</i>
<i>Pea colensoi</i> X P. n. z. (Edgar 1986)	<i>Pea colensoi</i> X P. sp. (unnamed)
<i>Pteris macilentata</i> (Cheeseman 1882)	<i>Pteris pendula</i>
<i>Ranunculus nivicola</i> (?) (Martin 1932)	<i>Ranunculus verticillatus</i>
<i>Racoulia mainmillaris</i> (Kirk 1899)	<i>Racoulia bryoides</i>
<i>R. bryoides</i> X <i>R. grandiflora</i> (Allan 1961)	
<i>Senecio glaucophyllus</i> ssp. <i>glaucophyllus</i> (Allan 1961, p. 1029: "possibly Richmond Range")	
<i>S. scaberulus</i> (Cheeseman 1882, as <i>Fredolites scaberula</i> )	<i>Senecio hispídulus</i>

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