

INDIGENOUS VASCULAR PLANTS IN THE VICINITY OF LEWIS PASS¹, 1300-6126 FT.²

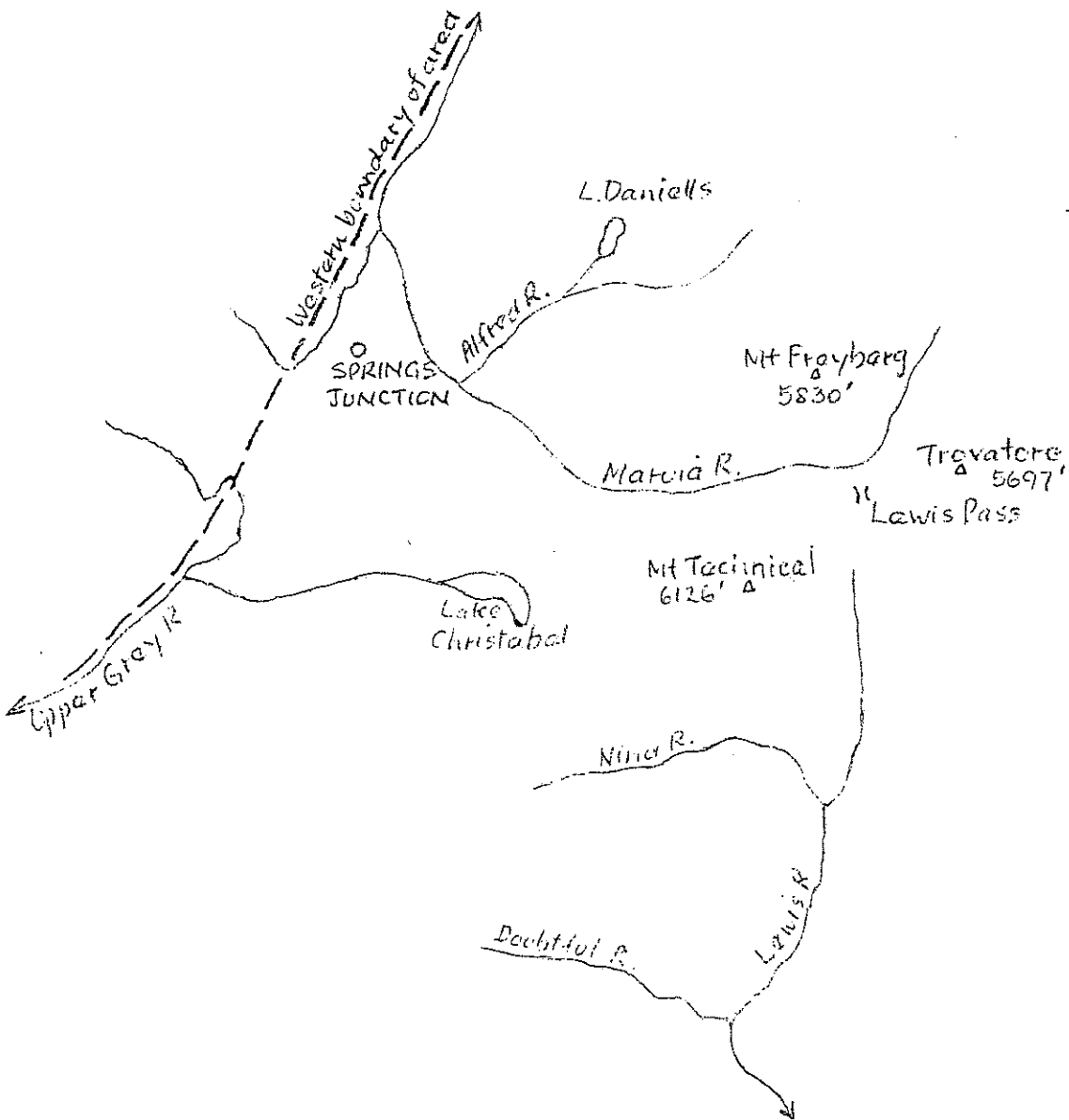
¹Grid ref. S46 810963; ² highest point Mt Technical, S46 768928

A.P. Druce, Botany Division, D.S.I.R., June 1978

(Based on observations Jan 1978, Nov 1978)

(Revised July 1978, Dec 1978, Jan 1979, June 1979

- May 1980
- Sept 1980
- May 1982
- June 1984
- July 1985
- Sept 1987
- Oct 1987
- Dec. 1987
- June 1988
- Nov. 1988
- Nov. 1990
- July 1991
- July 1992
- Apr. 1993



GYMNOSPERM TREES AND SHRUBS

- Dactyctenium dactyloides
- Dactyloctenium aegyptium
- Halocarpus bidwillii
- H. biflorus
- Lagarostrobos colensoi
- Lepidothamnium laxifolium
- Libocedrus bidwillii
- Phyllocladus alpinus agg.
- Podocarpus acutifolius
- P. hallii
- P. nivalis
- P. acutifolius x P. hallii

DICOT TREES

- Aristotelia serrata
- Carpodetus serratus
- Dracophyllum traversii (incl. D. pyramidale)
- Elaeocarpus hookerianus
- Fuchsia excorticata
- Griselinia littoralis
- Holboellia lyallii var. (H. glabrata)
- H. populnea var. ovata
- Melicope lanceolata (incl. M. var. latior)
- M. ramiflorus ssp. ramiflorus
- Metrosideros umbellata
- Myrsine australis
- Nothofagus fusca
- N. menziesii
- N. solandri var. cliffortioides
- N. fusca x N. solandri
- Pannaria corymbosa
- Pittosporum eugenioides
- P. tenuifolium ssp. tenuifolium
- Plagianthus regius var. regius
- Pseudopanax colensoi s.s.
- P. crassifolium
- P. lineare
- P. macintyreii
- P. simplex (incl. P. s. var. sinclairii)
- P. sp. (unnamed; included in P. colensoi, as var. ternatum and as var. fletcherensis, by Waidle 1968)

- Schefflera digitata
- Weinmannia racemosa var. racemosa

DICOT SHRUBS

- Alepis flavida
- Aristotelia fruticosa var.
- A. f. x A. serrata
- Brachyglottis bidwillii var. viridis
- B. rotundifolia var. (incl. B. buchananii & B. cockaynei)
- Carmichaelia arborea var. (C. angustata)
- C. sp. (subgenus Carmichaelia)
- Cassinia vauvilliersii
- C. sp. (unnamed)
- Coprosma cheesemani s.s.
- C. ciliata ssp. ciliata
- C. colensoi s.s.
- C. crenulata
- C. depressa
- C. foetidissima
- C. linatii folia
- C. lucida s.s.
- C. microcarpa
- C. perpusilla ssp. perpusilla
- C. propinqua ssp. propinqua
- C. pseudocuneata ssp.
- C. thamnicoides (incl. C. polymorpha)
- C. rigida
- C. rotundifolia
- C. rugosa ssp. rugosa
- C. serrulata
- C. wallii

- C. sp. (i) (unnamed; included in C. parviflora by Oliver, 1935, and others)
- C. sp. (ii) (unnamed; aff. C. pseudocuneata) (low-growing shrubs with small, thick, arcuate lvs)
- C. sp. (iii) (unnamed; aff. C. intertexta) (low-growing or lianed shrubs with narrow-linear lvs)
- C. sp. (iv) (unnamed) (C. parviflora var. dumosa sensu Allan 1961, non C. p. var. dumosa Cheeseman)
- Coriaria angustissima
- C. sarmentosa
- Cotokia cotoneaster var. cotoneaster
- Cyathodes dealbata (incl. C. penita)
- C. empetrifolia
- C. sp. (C. junipera agg.)

- Discaria toumatou
- Dracophyllum longifolium var. (incl. D. filifolium and D. olivei)
- D. palustre
- D. proum
- D. uniflorum
- D. palustre X D. sp.
- D. proum X D. uniflorum (?)
- Gaultheria antipoda
- G. crassa
- G. depressa ss.
- G. macrostigma

- G. rubicola
- G. sp. (unnamed; included in G. depressa, as var. novaezelandiae, by Franklin 1962)
- G. crassa X G. sp. (unnamed)
- G. macrostigma X G. sp. (unnamed)

- Hebe cantaburiensis
- H. ciliolata
- H. cockayneana
- H. epacridea var. epacridea
- H. lycopodioides
- H. maclanthera var.
- H. pauciramosa ss.
- H. salicifolia var. salicifolia
- H. subalpina var. subalpina
- H. topiaria
- H. sp. (H. odora agg.)
- Helichrysum depressum
- Kotthalsella clavata
- Kunzea ericoides agg.

- Leptospermum scoparium
- Melicetyus alpinus ss.
- M. sp. (unnamed) (branches flexuose)

Myrsine divaricata s.s.

M. nummularia

Neomyrtus pedunculata

Olearia arborescens

O. ancegniifolia

O. lacunosa var. *lacunosa*

O. virgata var. *implicita* (incl. *O.v.* var. *divaricata* and *O.v.* var. *laxiflora*)

O. nummulariifolia var.

Pentachondra pumila

Peraxilla colensoi

P. tetrapetala

Pimelea ortophila

P. prostrata

Pittosporum divaricatum

P. rigidum var. (*P. crassicaule*)

Pseudopanax anomalous

P.a. X *P. simplex*

Pseudowintera colorata

Traversia baccharoides

LYCOPODS

Lycopodium australianum

L. fastigiatum

L. scariosum

FERNS

Adiantum cunninghamii

Asplenium bulbiferum agg.

A. flaccidum

A. lyallii

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

A. bulbiferum X *A. lyallii*

Blechnum chambersii

B. colensoi

B. discolor

B. fluviatile agg.

B. minus

B. penna-maritima

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)

B. procerum X *B. sp.* (i)

Cyathea colensoi

Dicksonia squarrosa

Gleichenia dicarpa

Gleichenia dicarpa

Grammitis billardierei

G. givenii

G. magellanica ssp. *nathofageti*

G. paeppigiana

DICOT LIANES AND RELATED PLANTS

Clematis forsteri

C. quadribracteolata

Muehlenbeckia australis

M. axillaris

M.a. X *M. axillaris*

Rubus cissoides var. (leaflets bract-
or lacin in var. *cissoides*)

R. schmidelioides var. *schmidelioides*

Histiopteris incisa
Hymenophyllum bivalve
H. demissum
H. flabellatum
H. multifidum
H. ratum
H. rufescens
H. villosum
Hypolepis millefolium
H. rufobarbata
Leptolepia novae-zelandiae
Leplopteris hymenophylloides
L. superba
L. hymenophylloides X *L. superba*
Ophioglossum coriaceum agg.
Paesia scaberula
Phymatosorus pustulatus
Pneumatopteris pennigera
Polystichum cystostegia
P. richardii
P. vestitum
Pteridium esculentum
Sticherus cunninghamii

ORCHIDS

Adenochilus gracilis
Aporostylis bifolia
Caladenia lyallii
Chiloglottis ornata
Corybas mactanthus
C. trilobus ss.
Gastrodia cunninghamii
Prasophyllum colensei

Pterostylis australis
P. itsoniana
P. sp. (unnamed; aff. P. montana)

Thelymitra cyanea
T. formosa
T. longifolia

GRASSES

Agrostis dyeri agg.

A. personata

Chionochoa australis

C. conspicua ssp. *conspicua*

C. crassiuscula ssp. *torta*

C. oreophila

C. pallens ssp. *pilosa*

C. rubra ssp. *occulta*

C. sp. (unnamed) (C. flavescens auct.

South Island, non *C. flavescens*

Zotov)

C. oreophila X *C. pallens* (?)

Cortaderia richardii

Deschampsia tenella

Deyeuxia aucklandica

Davenoides (incl. *D. a. var. brachy-*
aulka)

Elymus nudiflorus
E. sp. (aff. *E. rectisetus*)
Hierochloa novae-zelandiae
H. redolens
Koeleria cheesemanii
Lachnagrostis sp. (unnamed;
 included in *L. filiformis*, as
 var. *semiglabra*, by Zotov 1965)
Microlaena avenacea
M. colensoi s.s.
Poa breviglumis
P. cita ssp. *cita*
P. colensoi
P. imbecilla
P. kirkii
P. maia
P. novae-zelandiae
P. pusilla
P. sp. (unnamed; aff. *P. novae-zelandiae*)
 (lvs much narrower than in *P. novae-zelandiae*)

Rytidosperma gracile
R. nigricans
R. setifolium
T. youngii
T. sp. (unnamed) (plants slender;
 lf sheath glabrous, or nearly so)

C. cockayneana
C. comans
C. coriacea
C. dipsacea var. *dipsacea*
C. dissita s.s.
C. echinata var. (*C. stellulata* var. ^{australis})
C. flaviformis
C. gaudichaudiana
C. pyrenaica var. *cephalotes*
C. secta s.s.
C. sinclairii
C. solandri
C. testacea s.s.
C. trachycarpa
C. sp. (i) (unnamed; included in *C. secta*, as var. *tenuicollinis*, by Petrie 1920)
C. sp. (ii) (unnamed; aff. *C. testacea*)
Carpha alpina s.s.
Eleocharis acuta
E. gracilis
Ischaemum aucklandicum
I. habra
I. subtilissima
Oriobolus impar
O. pectinatus
O. strictus
Schoenus pauciflorus s.s.

SEDGES

Carex acicularis
C. buchananii
C. capillacea

Uncinia clavata
U. distans
U. divaricata

- U. agmontiana*
- U. ferruginea*
- U. filiformis*
- U. gracilentata*
- U. rubra*
- U. tupestris* (incl. *U. angustifolia*)
- U. uncinata*
- U. zotovii*
- U. sp. (i)* (unnamed; aff. *U. nervosa*)
- U. sp. (ii)* (*U. affinis* Hamlin, non *U. hipatia* var. *affinis* Col. ex Clarke)

RUSHES

- Empodisma minus*
- Gaimardia setacea*
- Juncus antarcticus*
- J. gregiflorus*
- J. novae-zelandiae*
- J. pusillus*
- Luzula colensci*
- L. migrata*
- L. picta* s.s.
- L. pumila*
- L. rufa* s.s.
- L. subclavata*
- L. sp.* (unnamed; included in *L. picta*, as var. *limosa*, by Edgar 1966)
- L. migrata* x *L. rufa* (?)
- L. subclavata* x *L. sp.* (unnamed)
- Marsippospermum gracile*

MONOCOT HERBS (OTHER THAN / ORCHIDS, GRASSES, SEDGES, RUSHES)

- Astelia fragrans*
- A. lineatis* var. *lineatis*
- A. nervosa* s.s.
- A. nivicola* s.s.
- A. petriei*
- Heptelidium novae-zelandiae*
- Libertia ixioides*
- Luzuriaga parviflora*
- Phormium cockianum*
- Potamogeton cheesemani*

COMPOSITE HERBS

- Anaphalis* sp. (*Helichrysum bellidifolium* ^{oides})
- Brachyscome radicata*
- B. sinclairii* s.s.
- Brachyglottis bellidioides* agg.
- B. traversii*
- Celmisia alpina* s.s.
- C. armstrongii*
- C. haastii* ssp. *haastii*
- C. incana* (incl. *C. discolor*)
- C. laticifolia* ssp. *laticifolia*
- C. monroi* ssp. (*C. semicordata* ssp. *semicordata*)
- C. sessiliflora*
- C. sinclairii* (incl. *C. allanii* & *C. divinetzii*)
- C. spectabilis* ssp. *spectabilis*
- C. traversii*
- C. verbascifolia* ssp. *membranacea*
- C. sp.* (unnamed) (plants rhizomatous)
- C. gracilentata* x *C. spectabilis* (Givner 1984)

C. sessilifera x *C. spectabilis* (Givoni 1984)
C. s. x *C. traversii* (Givoni 1984)
C. spectabilis x *C. traversii*

S. waitauensis

Taraxacum magellanicum

Craspedia sp. (fls white)

Dolichoglossis scorzoneroides

Gnaphalium audax

G. limosum s.s.

G. mackayi s.s.

G. ruahinicum

Helichrysum filicaule

laganifera cuneata

L. petiolata s.s.

L. pinnatifida

L. pumila

L. strangulata

Leptinella dioica ssp. *dioica*

L. pyrethriifolia agg.

L. sp. (unnamed; included in *L. squalida*
as ssp. *mediana*, by Lloyd & Webb, 1987)

Leucogenes grandiceps

Microsatis scapigera var.

Pseudognaphalium sp. (unnamed;
aff. *P. luteoalbum*)

Raoulia australis agg.

R. glabra

R. grandiflora var.

R. subulata

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

Senecio glaucophyllus ssp. *glaucophyllus*

S. minimus

DICOT HERBS (OTHER THAN COMPOSITES)

Acaena anseriniifolia

A. fissistipula (Simpson 1980)

A. inermis

A. profundeincisa

A. anseriniifolia x *A. inermis*

Aciphylla colensei var. *colensei*

A. montoi

A. sp. (*A. ctenulata*?)

Anisotome aromatica

A. haastii

A. pilifera

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

Callitriche petrici ssp. *petrici*

Cardamine sp. (i) (*C. debilis* agg.)

("Long Style" of Pritchard 1957)

C. sp. (ii) (*C. debilis* agg.) ("Glossy

Leaf" of Pritchard)

C. sp. (iii) (*C. debilis* agg.) ("Scree

Race" of Pritchard)

C. sp. (iv) (*C. debilis* agg.) ("Tussock

Race" of Pritchard)

C. sp. (v) (*C. debilis* agg.) (var. b of

Allan 1961)

Chionohebe pulvinatis
Colobanthus affinis
C. sp.

Donatia novae-zelandiae

Drosera ateturi
D. spatulata
Epilobium alsinoides s.s.
E. attriplicifolium s.s.
E. brunnescens s.s.
E. chionanthum
E. chlorifolium
E. cockayneanum
E. glabellum s.s.
E. insulare
E. linnaeoides
E. macropus
E. melanocaulon
E. microphyllum
E. nattercioides
E. nummulatifolium
E. pallidiflorum (Raven & Raven, 1976)
E. permitens
E. pubens
E. pycnostachyum
E. rotundifolium
E. rubromarginatum
E. sp. (unnamed; included in *E. brunnescens*, as ssp. *minutiflorum*, by Raven & Engelhorn, 1971)

Euphrasia montroi
E. sp.
Forstera tenella
F. sp. (unnamed; aff. *F. sedifolia*)
Galium parviflorum s.s.
G. trilobum
Gentiana bellidifolia var.
G. sp. (i) (unnamed; included in *G. bellidifolia*, as var. *australis*, by Petrie in Cheeseman 1925)
G. sp. (ii) (unnamed; aff. *G. montana* sp. (unnamed; aff. *G. microphyllum*))
Geranium microphyllum
G. sessiliflorum var. *novae-zelandiae*

Geum uniflorum
G. sp. (*G. parviflorum* agg.)
 (stock short; terminal leaflet about as long as broad; fls upto 13 mm diam.)
Gingidia montana
Glossostigma elatinooides
Gonocarpus aggregatus
G. micranthus ssp. *micranthus*
Gunnera monoica

Hydrocotyle elongata
H. heterometra

H. microphylla
H. moschata
H. novae-zelandiae s.s.
H. sulcata
Hypericum japonicum agg.
Kelleria croizatii
K. dieffenbachii

Lilaeopsis ruthiana

Mazus radicans

Mentha cunninghamii

Neopaxia sp. (include *Montia calycina*
& *Claytonia australasica* var. *biflora*)

N. sp. (unnamed) (petals
acute; seeds dark red-brown)

Montia fontana s.s.

Myesotis forsteri

M. tauricaulis

M. sp. (i) (*M. australis* agg.) (fls
yellow)

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

Myriophyllum propinquum

M. triphyllum

M. votschii

Nertera ciliata

N. balfouriana

N. depressa

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

Notothlaspi sp. (unnamed) (*N. australe* auct.,
non *Thlaspi australe* Hook.f.)

Oreomyza colensei s.s. (incl. *O.c.*
var. *hispida* auct. & *O.c.* var. *multifida*)

O. sp. (unnamed; aff. *O. ramosa*)

Oreostylidium subulatum

Ourisia caespitosa ssp.

O. lactea ssp. *lactea*

O. simpsonii

Oxalis magellanica

Paralobea decora

P. lyallii

Phyllachne colensoi var.

Plantago lanigera s.l.

P. raculii

P. uniflora

Potentilla anserinoides

Pratia angulata agg.

P. macrodon s.s.

Ranunculus cheesemanii var.
cheesemanii

R. foliosus

R. glabrifolius

R. insignis

R. membranifolius

R. reflexus

R. sp. (unnamed; included in *R.*
lappaceus, as var. *macrophyllus*,
by Kirk 1899)

Rumex flexuosus

Schizanthus haastii s.s.

S. nitens

S. trifoliolatum

S. sp. (unnamed; included in
S. haastii, as ssp. *cyano-petalum*,

by Domin 1908)

Stellaria decipiens (incl. S. parviflora)

Urtica incisa

Utricularia novae-zelandiae

Viola cunninghamii

V. filicaulis

V. lyallii

Wahlenbergia albomarginata var.

albomarginata (incl. W. pygmaea

var. laxa, W. brocklei, and W. simpson)

No. of species: 457.

Doubtful (D) or erroneous (E) records not included above: all,
except †, by Simpson, M.J.A. 1980: JR Cant. Bot. Soc. 14: 4-10

- Acaena microphylla (E)
† Carex devia (E) (Healy and Edgar, 1980) [= C. dipsacea and C. sp. (aff. C. testacea)]
C. petriei (D)
Celmisia graminifolia (E)
C. monroi (E)
Craspedia uniflora (E)
Forstera bidwillii (E)
Galium propinquum (D)
Hebe traversii (D)
Lachnagrostis filiformis (E)
Nertera setulosa (D)
Pterostylis graminea (E)
Schizolema pallidum (D)
Scleranthus biflorus (E)
Uncinia caespitosa (D)

