

HIGHER PLANTS (LYCOPODS, FERNS, QUILLWORTS, GYMNOSPERMS,
FLOWERING PLANTS) OF DEVIL¹ AND ANATOKI² RANGES,
N.W. NELSON, 3600-5823 FT (1100-1770 M)

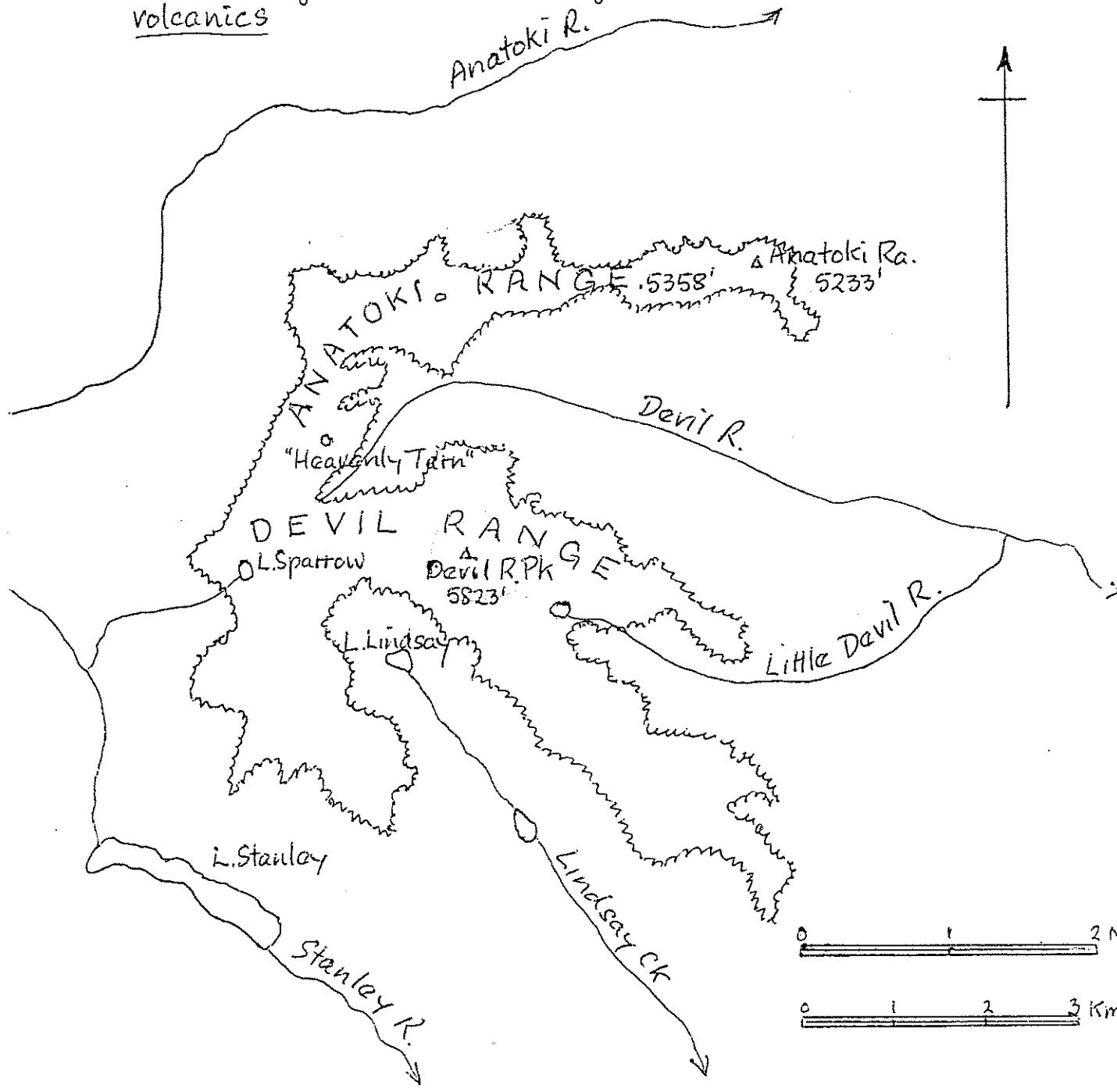
A.P. Druce, Wellington, May 1984
(revised Dec. 1985, May 1986, June 1988, Sept. 1990,

- ¹Highest point: Devil R. Pk. 5823 ft, grid ref. S8 053666
- ²Highest point: 5358 ft, grid ref. S8 075697

July 1991,
July 1992,
Aug 1993

(Based on visit February 1984)

Rocks: siltstone, argillite, sandstone, conglomerate, schist;
volcanics



Plants found on both ranges unless otherwise indicated,
 as follows: (D) - Devil Ra. only
 (A) - Anatoki Ra. only
 (unc) - uncommon or local

INDIGENOUS SPECIES

GYMNOSPERM TREES AND SHRUBS

Lepidothamnus laxifolius
Phyllocladus alpinus agg.

Podocarpus nivalis
P. hallii x *P. nivalis*

DICOT TREES

Dracophyllum traversii (incl. *D. pyramidale*)
Griselinia littoralis (unc)
Nothofagus menziesii
N. solandri var. *cliffortioides*
Pittosporum dallii (D) (unc)
Pseudopanax sp. (unnamed; included in *P. colensoi*, as var. *fiordensis* and as var. *ternatus*, by Wardle 1968)

DICOT SHRUBS

Archeria traversii (incl. *A.t.* var. *australis*) (unc)
Aristotelia fruticosa var.

Brachyglottis adamsii
B. bidwillii var. *viridis*

B. rotundifolia var. (incl. *B. buchananii* x *B. cockaynei*) (unc)
B. bidwillii x *B. rotundifolia* (unc)
Cassinia vauvilliersii

Coprosma atropurpurea

C. cheesemani s.s.

C. ciliata ssp. *ciliata*

C. depressa

C. foetidissima (unc)

C. perpusilla ssp. *perpusilla*

C. propinqua ssp. *propinqua*

C. pseudocuneata ssp.

C. thamnoides (incl. *C. polymorpha*) (unc)

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

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)

Coriaria plumosa (unc)
Cyathodes dealbata (incl. *C. pumila*)
C. empetrifolia (unc)
Dracophyllum longifolium var.
(incl. *D. filifolium* and *D. oliveri*)

D. prorum (A)
D. pubescens var. *pubescens*
D. uniflorum
Epacris alpina
Exocarpus bidwillii
Gaultheria crassa
G. depressa s.s.
G. rubicola (D)
G. sp. (unnamed; included in *G. depressa*, as var. *novae-zelandiae*, by Franklin 1962)

Hebe albicans var. *albicans*
H. canterburiensis
H. ciliolata
H. cockayneana var.
H. epactidea var. *epactidea* (D)
(unc)
H. gracillima (unc)
H. haastii var. (aff. var. *humilis*;
see Mootz 1961, p. 940)
H. macrantha var. *brachyphylla*
H. ochracea (A) (unc)
H. tetragona var. (*H. coarctata*)
H. topiaria
H. sp. (*Leonohebe masoniae*)
(incl. *L. m.* var. *rotundata*)
Helichrysum intermedium var.
Leucopogon fraseri s.s.
L. suaveolens (incl. *Cyathodes colensoi*)

Meliccytus sp. (unnamed)
Myrsine divaricata s.s.
M. nummularia
Olearia avicennifolia (unc)
O. colensoi var. *colensoi* (unc)
O. cymbifolia (D) (unc)
O. lacunosa var. *lacunosa*
O. nummularifolia var. (lvs distinct
ly longer than broad, rather than so
orbicular as in var. *nummularifolia*
(unc))

Pentachondra pumila
Pimelea oreophila
(form with densely hairy lvs)
Pittosporum anomalum
P. rigidum var. (*P. crassicaule*)
Pseudopanax anomalum
Pseudowintera colorata
Traversia baccharoides (unc)

DICOT LIANES AND RELATED

TRAILING PLANTS

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

LYCOPODS AND QUILLWORTS

Lycopodium australianum
L. fastigiatum
L. scarosum (unc)
L. varium (incl. *L. billardierei* and
L. novae-zelandiae) (unc)
Isaetes alpinus (unc)

FERNS

Asplenium flaccidum (unc)
A. richardii (unc)
Blechnum pennamarina
B. procerum
B. sp. (unnamed) (mountain sp.;
lower pinnae not reduced in length)
("The Dunedin-Cass Variety" of Crookes
and Dobbie, 1963) (unc)
Cyathea colensoi
Cystopteris tasmanica
Grammitis billardierei
G. givenii (unc)
G. patagonica
G. poeppigiana
Histiopteris incisa (unc)
Hymenophyllum multifidum
H. villosum
Hypolepis millefolium
Polystichum cystostegia
P. vestitum

ORCHIDS

Aporostylis bifolia
Caladenia lyallii (unc)
Corybas macranthus (unc)
C. trilobus s.s.
Prasophyllum colensoi

GRASSES

Agrostis dyeri s.s.
A. muelleriana
A. muscosa (A) (unc)
A. personata
A. sp. (unnamed; aff. *A. dyeri*)
(panicle spreading; not con-
tracted as in *A. dyeri*)
Chionochloa australis
C. cheesemani (A)
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. conspicua x *C. rubra* (unc)
C. pallens x *C. rubra*
Deschampsia novae-zelandiae
D. tenella
Deyeuxia aucklandica

Elymus sp. (aff. *E. rectisetus*)
(plants glaucous; awns 4-6 cm long)
Festuca sp. (cf. *F. matthewsii*)
(tufted but not tussock-forming,
glaucous)
Hierochloa novae-zelandiae
Koeleria cheesemani
K. sp. (*K. novozelandica* aff.)
(plants slender, rhizomatous;
lvs up to 1.5 mm wide) (D) (unc)

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

Microlaena colensoi s.s.

Poa breviglumis

P. celsa

P. cita ssp. *cita* (unc)

P. colensoi

P. kirkii

P. sp.(i) (*P. novae-zelandiae* or *P. sub-vestita*)

P. sp.(ii) (unnamed; aff. *P. novae-zelandiae*)

Rytidosperma buchananii (unc)

R. gracile

R. nigricans (unc)

R. setifolium

Trisetum youngii

T. sp. (unnamed; included in *T. antarcticum*, as ssp. *tenellum*, by Petrie 1912)
(unc)

SEDGES

Carex aciculatis

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

C. gaudichaudiana

C. libera

Gahnia procera (A)

C. pyrenaica var. *cephalotes* (D)

C. sinclairii

C. wakatipu s.s.

C. sp. (unnamed; aff. *C. coriacea*)

(lvs slender bright green, not becoming stiff & yell. green in exposed sites)

Carpha alpina s.s.

Eleocharis acuta (unc)

Isolepis aucklandica

I. caligenis (D) (unc)

I. habra

Oreobolus pectinatus

O. strictus

Schoenus pauciflorus s.s. ("slender form" of Edgar 1970, p. 194)

Uncinia astonii

U. caespitosa var.

U. divaricata

U. filiformis

U. fuscovaginata var. (plants glaucous)

U. longifructus (unc)

U. nervosa s.s. (unc)

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

U. silvestris (incl. *U. affinis*)

RUSHES AND ALLIED PLANTS

Juncus antarcticus

J. novae-zelandiae

J. pusillus (unc)

Luzula colensoi

L. migrata

L. pomila

L. rufa s.s.

L. sp. (i) (unnamed; included in *L. chinita*, as var. *petricana*, by Edgar 1966)

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

L. colensoi X *L. migrata* (unc)

Marsippospermum gracile

MONOCOT HERBS OTHER THAN

ORCHIDS, GRASSES, SEDGES, RUSHES

Astelia graminea

A. linearis var. *linearis*

A. nervosa s.s.

A. petrici

A. (unnamed; included in *Anivicola*, as var. *moticeae*, by Moore 1966)

Libertia peregrinans (unc)

Phormium cookianum

COMPOSITE HERBS

Anaphalis sp. (*Helichrysum bellidioides* s.s.)

Brachyglottis bellidioides var. *crassa*

Brachyscome radicata

B. sinclairii s.s.

Celmisia alpina s.s.

C. bellidioides

C. gibbsii (A) (unc)

C. hieracifolia ssp.

C. incana (incl. *C. discolor*)

C. laucifolia

C. lateralis (incl. *C. l.* var. *villosa*) (unc)

C. monroi ssp. (*C. coriacea* var. *laucifolia*)

C. sessiliflora

C. similis

C. sinclairii (incl. *C. allanii* & *C. durietzii*)

C. spectabilis ssp.

C. traversii

C. sp. (i) (aff. *C. gracilentata*) (plants strongly rhizomatous)

C. sp. (ii) (unnamed; aff. *C. gracilentata*) (plants tufted;

lvs linear to linear-lanceolate

up to 45 x 1.2 cm; lower surface

glabrous exc. for midrib) (unc)

C. hieracifolia X *C. sinclairii* (unc)

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

Craspedia sp. (i) (unnamed;

included in *C. lanata*, as

var. *elongata*, by Allan 1961)

(lvs white or greenish-white,

both surfaces clad in cottony

hairs; fls white)

C.sp. (ii) (unnamed) (lvs green, both surfaces clad in non-gland, multi-cellular hairs; margins faintly to distinctly white with cottony hairs; fls white)

C.sp. (ii) (unnamed) (lvs green, both surfaces densely clad in short glandular hairs < 0.3 mm long; midrib with or without non-glandular hairs, margins \pm faintly white with cottony hairs; fls white) (unc)

C.sp. (iv) (unnamed) (lvs green, sparsely clad in short hairs, or almost glabrous; cottony hairs on margins inconspicuous or absent; fls white) (D)

Dolichoglossis scorzoneroides

Gnaphalium audax (unc)

G. mackayi s.s.

G. paludosum s.s.

G. polylepis

G. sp. (aff. *G. mackayi*) (unc)

Haastia sinclairii s.s.

Lagenifera strangulata

Leptinella pyrothrifolia agg.

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

Lagenifera strangulata

Leucogenes grandiceps

L.g. x *Raoulia eximia* (A) (unc)

Microseris scapigera var.

Raoulia apicinigra ss. (A) (unc)

R. eximia var. (*R. rubra*)

R. glabra

R. grandiflora var. *grandiflora*

R. subsericea (A) (unc)

Senecio wairavensis

Taraxacum magellanicum

DICOT HERBS OTHER THAN

COMPOSITES

Acaena anserinifolia

A. fissistipula

A. profundeincisa

Aciphylla anomala (A) (unc)

Aciphylla ferox

A. sp. (unnamed; aff. *A. glaucescens*) (pinnae rigid, not flaccid as in *A. glaucescens*)

A. polita (a range of forms)

A. ferox x *A. polita* (unc)

Anisotome aromatica

A. deltoidea

A. haastii

A. pilifera

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

A. aromatica x *A. haastii* (unc)

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

(cf. "Long Style" of Pritchard 1957)

C. sp. (ii) (unnamed) (lvs mostly simple, occ. with up to pairs of pinnules; blades \pm reniform)

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

C. sp. (i) (unnamed) ("Tussock Race"
of Pritchard 1957) (unc)
C. sp. (v) (C. debilis agg.) ("Glossy Leaf"
of Pritchard 1957)
Cheesemania latifoliata (incl. C.
gibbsii)
Colobanthus acicularis (D) (unc)
C. affinis
C. apetalus (incl. C. a. var. alpinus)
C. buchananii s.s. (D) (unc)
C. canaliculatus
C. strictus (unc)
C. wallii
Crassula sinclairii
Donatia novae-zelandiae

Drosera arcturi
D. spathulata
Epilobium brunnescens s.s.
E. chlorifolium
E. cockayneanum
E. glabellum s.s.
E. komarovianum
E. margaretiae
E. pernitens
E. porphyrium
E. pycnostachyum
E. rubromarginatum
E. tasmanicum
E. matthewsii (D)

E. sp. (i) (unnamed; aff. E. glabellum)
E. sp. (ii) (unnamed; included in
E. brunnescens, as ssp. minutiflorum,
by Raven and Engelhorn, 1971)
Euphrasia townsonii s.s.
E. sp. (i) (unnamed; aff. E. laingii)
E. sp. (ii) (unnamed; aff. E. pettiei) (unc)
Forstera mackayi
F. sedifolia s.s.
F. tenella
Galium perpusillum s.s.
Gentiana bellidifolia
G. sp. (i) (unnamed; aff. G. corymbifera)
G. filipes (A) (unc)
G. gracilifolia (incl. G. vernicosa)
G. sp. (ii) (unnamed; aff. G. bellidifolia)
(stems decumbent; lvs very glossy;
fls creamy white)
Geranium sp. (aff. G. microphyllum)
Geum sp. (G. parviflorum agg.)
(stock short; terminal leaflet
about as long as broad; fls up
to 13mm diam.)
Gingidia decipiens
Hydrocotyle sp. (unnamed;
included in H. novae-zeelandiae,
as var. montana, by
Kirk 1899)
Kelleria laxa
K. tessellata
Limosella lineata^{agg.} (D) (unc)
Lobelia roughii

Montia fontana s.s.	Plantago lanigera s.l. (incl. P.n.z.)
Neopaxia sp. (incl. Montia calycina ?)	
Claytonia australasica var. biflora)	P. raoulii
Myosotis forsteri	
M. macrantha	P. uniflora
M. sp. (i) (M. australis agg.) (fls small, white) (unc)	Pratia angulata agg.
M. sp. (ii) (unnamed; included in M. pygmaea, as var. drucei, by Moore 1961)	P. macrodon s.s.
Nertera balfouriana	Ranunculus cheesemani var. cheesemani
N. ciliata (glabrous form)	R. foliosus
Oreomyza colensoi s.s. (incl. O.c. var. hispida and O.c. var. multifida)	R. gracilipes (D)
Ourisia caespitosa ssp. caespitosa	R. insignis
O. lactea ssp. lactea	R. membranifolius
	R. verticillatus
O. simpsonii	R. sp. (unnamed; included in R. lappaceus, as var. macrophyllus, by Kirk 1899) (D) (unc)
O. caespitosa x O. lactea (unc)	Schizeilema haastii s.s.
O.c. x O. simpsonii (unc)	S. nitens
Oxalis magellanica	Scleranthus uniflorus
Parahobe cheesemani	Stellaria decipiens (incl. S. and S. parviflora)
P. lyallii	S. gracilentia
Phyllachne clavigera (incl. P. colensoi)	Viola cunninghamii
	V. filicaulis
	Wahlenbergia albomarginata var. albomarginata (incl. W. pygmaea var. laxa and W. brockiei)

Record not accepted

Aciphylla aurea (Oliver 1956)

ADVENTIVE SPECIES

GRASSES

Agrostis capillaris (unc)

COMPOSITE HERBS

Hypochoeris radicata

Mycelis muralis

DICOT HERBS OTHER THAN

COMPOSITES

Cerastium fontanum ssp.
vulgare.

Sagina procumbens (unc)

No. of indigenous species: 320.

No. of adventive species: 5.

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