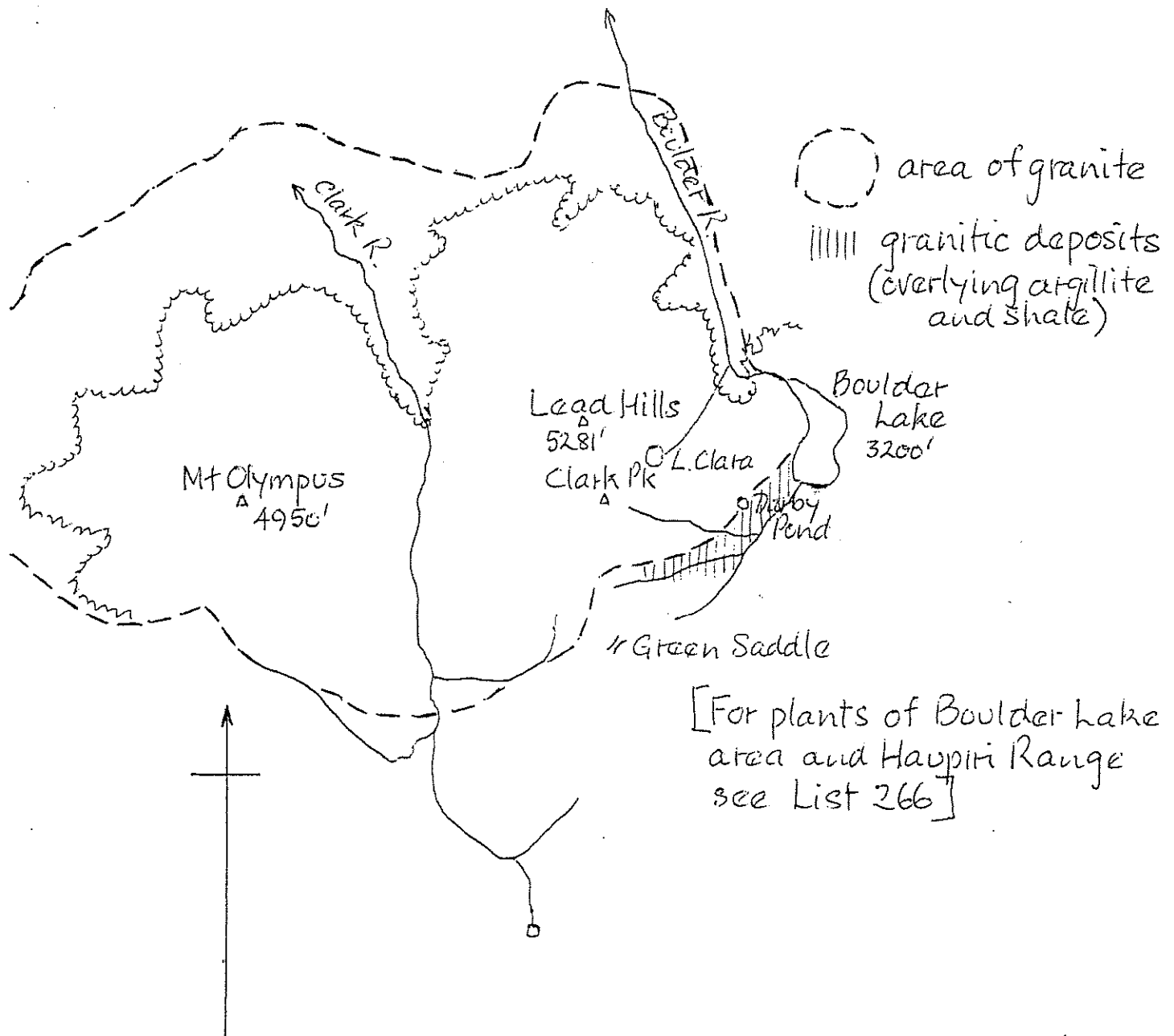


HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF LEAD HILLS, N.W. NELSON, 3300-5281 FT (1000-1600M)

A.P. Druce, Wellington, May 1985
(revised July 1985, June 1986, July 1990, May 1991, Aug. 1992
Highest point: Lead Hills, 5281 ft, grid ref. S8 967767 Aug. 1993

(Based on visit Feb. 1985)

Rocks: granite and granitic deposits (moraine)



[For plants of Boulder Lake area and Haupiri Range see List 266]

INDIGENOUS SPECIES

(unc) - uncommon or local

GYMNOSPERM TREES AND SHRUBS

Halocarpus bidwillii
H. biformis
Lepidothamnus intermedius
L. laxifolius
L. intermedius x *L. laxifolius*
Libocedrus bidwillii
Phyllocladus alpinus agg.

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

DICOT TREES

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

DICOT SHRUBS

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

Brachyglottis adamsii
B. bidwillii var. *viridis*
B. rotundifolia var. (incl. *B. bochananii* and *B. cockaynei*)

Cassinia vauvilliersii

Coprosma cheesemani ss.
C. ciliata ssp. *ciliata*
C. colensoi ss.
C. erenulata
C. foetidissima (unc)
C. pseudocuneata ssp.
C. serrulata (unc)
C. sp. (i) (unnamed; aff. *C. pseudocuneata*) (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)

Cyathodes dealbata (incl. *C. pumila*)

C. cinpetrifolia

C. sp. (*C. juniperina* agg.)

Dracophyllum longifolium var. (incl. *D. filifolium* & *D. oliveri*)

D. palustre

D. pubescens var. *pubescens*

D. uniflorum var. *uniflorum*

D. sp. (unnamed; aff. *D. kirkii*) (low-growing shrubs; branches often trailing; infl of few-fl'd racemes)

Epacris alpina

Exocarpus bidwillii

Gaultheria antipoda

G. crassa

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

Hebe canterburienensis
H. ciliolata
H. tetragona var. (*H. coarctata*)
H. topiaria
H. sp. (i) (*Leonohebe masoniae**)
H. sp. (ii) (*Leonohebe mooreae*)
Leptospermum scoparium var.
Meliccytus sp. (unnamed)
Myrsine divaricata s.s.
M. nummularia
Olearia colensis var. *colensis*
O. lacunosa var. *lacunosa*
O. nummularifolia var. (lvs distinctly longer than broad, rather than suborbicular as in var. *nummularifolia*)
Pentachondra pumila
Peraxilla tetrapetala (unc)
Pittosporum anomalum
P. rigidum var. (*P. crassicaule*)
Pseudopanax anomalus
Pseudowintera traversii

LYCOPODS

Lycopodium austrialianum
L. fastigiatum
L. laterale (incl. *L. ramulosum*)
L. scariosum
L. varium (incl. *L. billardierei* and *L. novae-zelandiae*) (unc)

FERNS

Blechnum penna-martina
B. praecetum
B. sp. (unnamed) (mountain sp.; lower pinnae not reduced in length) ("The Dunedin-Cass Variety" of Crookes and Dobbie, 1963)
Gleichenia dicarpa
Grammitis billardierei
G. givenii (unc)
G. magellanica ssp. *nothofageti*
G. poeppigiana

Histiopteris incisae (unc)
Hymenophyllum multifidum
H. villosum
Ophioglossum coriaceum agg.
Polystichum vestitum
Schizaece australis

ORCHIDS

Aporostylis bifolia
Prasophyllum colensoi
Thelymitra cyanea (unc)

GRASSES

Agrostis dyeri s.s.
A. sp. (unnamed; aff. *A. dyeri*) (panicle spreading, not contracted as in *A. dyeri*)
Clionochloa australis
C. conspicua ssp. *conspicua*
C. pallens ssp. *pallens*

C. rubra ssp. *occulta*
Deyeuxia aucklandica
D. avenoides (incl. *D. var. brachyantha*)

Festuca sp. (unnamed; aff. *F. rubra*)
Hierochloa novae-zelandiae
Lachnagrostis lyallii s.s. (incl. *L. filiformis* var. *semiglabra*)

Microlaena colensoi
Poa colensoi s.s.
Rytidosperma gracile
R. nigricans
R. setifolium

SEDGES

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

* (incl. *L. m.* var. *rotundata*)

C. gaudichaudiana
C. llibera
Carpha alpina s.s.
Eleocharis acuta (unc)
Gahnia procera
Isolepis Aucklandica
Oreobolus impar
O. pectinatus
O. strictus
Schoenus pauciflorus s.s. (= "slender form" of Edgar 1970, p. 194)
Uncinia involuta
U. nervosa s.s.
U. rupestris (incl. *U. angustifolia*)
U. zotovii

RUSHES AND ALLIED PLANTS

Centrolepis ciliata
Empodisma minus
Gaimardia setacea
Juncus antarcticus
J. novae-zelandiae
Luzula colensoi
L. migiata
L. rufa s.s. (unc)

MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES, RUSHES

Astelia graminea
A. linearis var. *linearis*
A. skottsbergii
A. sp. (unnamed; aff. *A. nervosa*)
 (lvs broad, not conspicuously white adaxially as in *A. nervosa*)
Herpotion novae-zelandiae
Luzuriaga parviflora
Phormium cookianum

COMPOSITE HERBS

Abrotanella caespitosa
Anaphalis sp. (*Helichrysum bellidoides* s.s.)
Brachyglottis sp. (unnamed; included

in *B. bellidoides*, as var. *crassa*, by Nordaustam 1978)

Celmisia alpina s.s.
C. dallii (unc)
C. hieracifolia ssp.
C. incana (incl. *C. discolor*)
C. laticifolia
C. lateralis (incl. *C. l.* var. *villosa*)
C. montoi ssp. (*C. coriacea* var. *lancifolia*)
C. parva
C. petrici
C. similis
C. spectabilis ssp.
C. sp. (unnamed; aff. *C. gracilentata*)
 (lvs linear to linear-lanceolate; upper surface and margins ± thinly covered in tomentum; lower surface glabrous, exc. for midrib)
C. similis x *C. spectabilis* (unc)

Craspedia sp. (plants summer-green; lvs green, both surfaces clad in very short hairs or almost glabrous; fls white)

Gnaphalium mackayi s.s.
Leptinella sp. (unnamed)*
Microseris scapigera var.
Raoulia eximia var.
R. grandiflora var. *grandiflora*
Senecio waitavensis

DICOT HERBS OTHER THAN COMPOSITES

Aciphylla polita var. (plants more robust & segments coarser than in var. *polita*)
Actinotis novae-zelandiae
Anisotome aromatica
A. deltoidea
A. haastii
A. pilifera

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

- Chionohebe pulvinatis
 A. sp. (unnamed; included in *A. imbricata*, as var. *prostrata*, by Dawson 1961)
 Colobanthus apetalus (incl. C. a. var. alpinus)
 Coprosma talbrockiae
 Donatia novae-zelandiae
 Drosera arcturi
 D. spatulata
 D. stenopetala
 Epilobium netteroides
 E. pernitens
 Euphrasia townsonii s.s.
 E. sp. (unnamed; aff. *E. laingii*)
 Forstera mackayi
 F. sp. (unnamed) (lvs closely placed, not recurved, persisting well down stem and becoming thin and translucent; costa not apparent)
 Gentiana gracilifolia (incl. *G. vernicosi*)
 G. montana (incl. *G. m.* var. *stolonifera*, *G. patula*, & *G. bellidifolia* var. *pulchella*)
 G. sp. (unnamed; aff. *G. bellidifolia*) (plants forming small to large patches; stems decumbent; fls large, creamy white)
 Geranium sp. (aff. *G. microphyllum*)
 Gonocarpus aggregatus
 G. micranthus ssp. *micranthus* (unc)
 Hydrocotyle microphylla
 Kellera laxa (unc)
 K. tessellata
- Oxalis magellanica*
Phyllachne clavigera (incl. *P. cdansea*)
Plantago lanigera s.l.
P. uniflora
Pratia angulata agg.
Ranunculus verticillatus (unc)
Schizilema haastii s.s.
Viola cunninghamii

ADVENTIVE SPECIES

GRASSES

Holcus lanatus

RUSHES

Juncus articulatus

J. sp. (cf. *J. effusus* & *J. conglomeratus*)

COMPOSITE HERBS

Hypochoeris radicata

DICOT HERBS OTHER THAN COMPOSITES

Cerastium fontanum ssp. *vulgare*

Epilobium obscurum

E. o. x *E. netteroides* (unc)

Sagina procumbens

No. of indigenous spp.: 200.

No. of adventive spp.: 7.

Liparophyllum gunnii

Montia fontana s.s.

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

Nerteta ciliata

N. scapanioides

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

Oreostylidium subulatum (unc)

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