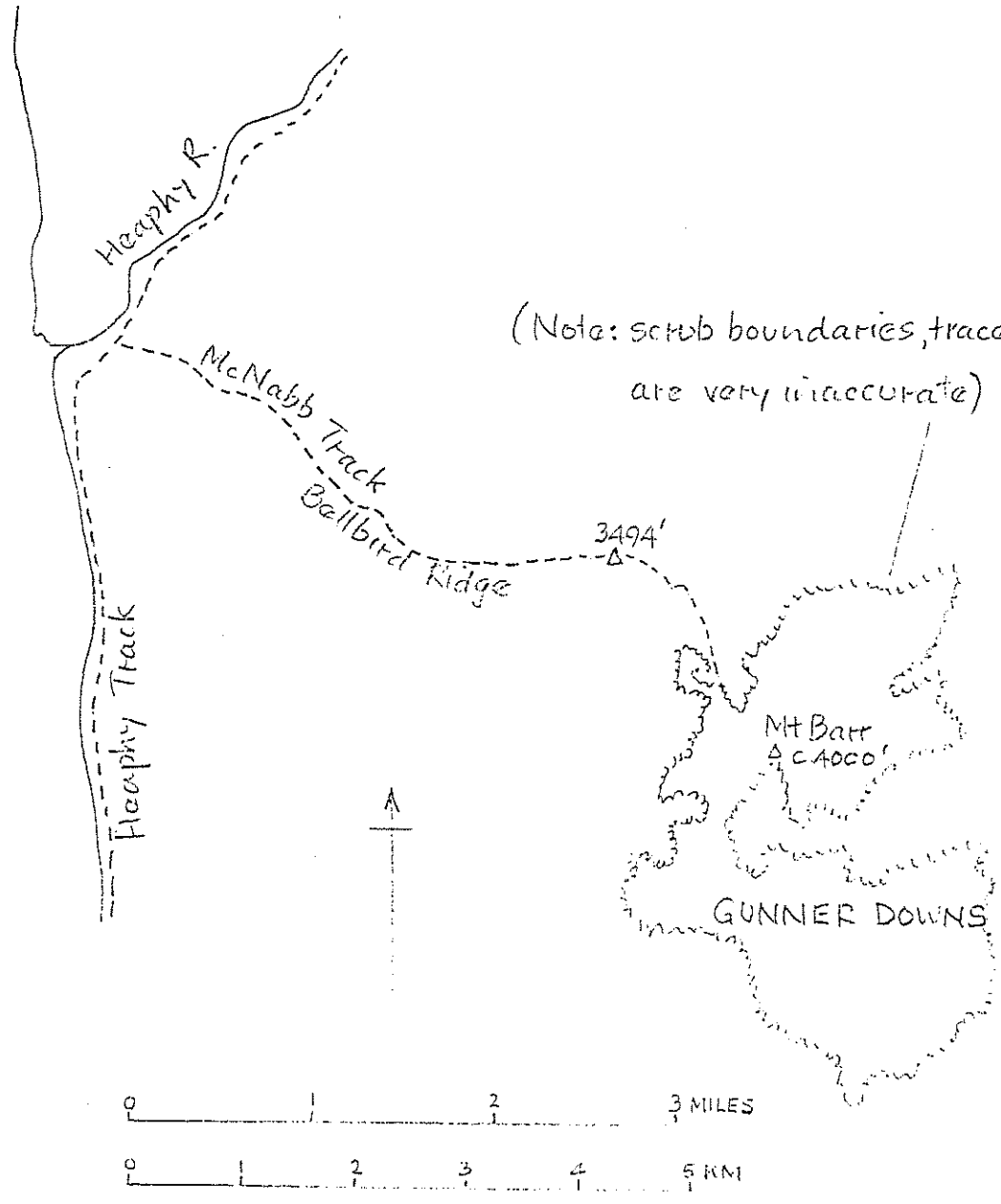


INDIGENOUS VASCULAR PLANTS OF GUNNER DOWNS†  
N.W. NELSON, 3000-4000 FT (900-1200 M)

A.P. Druce, Botany Division, D.S.I.R., April 1980  
(revised May 1980, May 1981, May 1982, Sept 1982  
June 1983  
Based on visit Nov. 1979  
June 1984  
July 1985  
Oct. 1986

† Highest point: Mt Barr, grid ref. ST 627618  
(rocks: granite)  
(unc) - uncommon

Nov. 1988  
July 1990  
July 1991  
March 1992



(Note: scrub boundaries, traced from NZMS1 57, are very inaccurate)

**Gymnosperm Trees and Shrubs**

- Halocarpus biformis*
- Lepidothamnus laxifolius*
- Libocedrus bidwillii*
- Phyllocladus* sp. (unnamed; aff. *P. alpinus*) ("lowland" ecotype of Wardle 1969)
- Podocarpus nivalis* (unc)
- P. hallii* x *P. nivalis* (unc)

**Dicot Trees**

- Dracophyllum traversii* (incl. *D. pyramidale*)
- Elaeocarpus hookerianus* (unc)
- Griselinia littoralis* (unc)
- Metrosideros umbellata*
- Nothofagus menziesii*
- N. solandri* var. *cliffortioides*
- Pseudopanax linearis*
- P. simplex* (incl. *P. s.* var. *sinclairii*)
- P. sp.* (unnamed; included in *P. colensoi*, as var. *fiordensis* and as var. *ternatus*, by Wardle 1968)
- Quintinia serrata* (incl. *Q. acutifolia* and *Q. elliptica*)
- Weinmannia racemosa* var. *racemosa*

**Dicot Shrubs**

- Archemia traversii* (incl. A.t. var. *australis*)
- Brachyglottis rotundifolia* var. (incl. *B. buechananii* and *B. cockaynei*)
- Cassinia vauvilliersii*
- Coprosma cheesemani* s.s.
- C. ciliata* ssp. *ciliata*
- C. colensoi* s.s.
- C. crenulata*
- C. foetidissima*
- C. perpusilla* ssp. *perpusilla*
- C. pseudocuneata* ssp.
- C. rhamnoides* (incl. *C. polymorpha*)
- C. sp. (i)* (unnamed) (*C. parviflora* var. *dumosa* sensu Allan 1961, non *C. p.* var. *dumosa* Cheeseman)
- C. sp. (ii)* (unnamed; aff. *C. colensoi*) (low-growing shrubs with trailing branches)
- Cyathodes dealbata* (incl. *C. pumila*)
- C. campetrifolia*
- Dracophyllum longifolium* var. (incl. *D. filifolium*, *D. diversum*)
- D. palustre*
- D. pubescens* var. *pubescens*

*D. uniflorum* var. *uniflorum*  
*D. longifolium* X *D. uniflorum*

*Epacris alpina* (unc)  
*Gaultheria macrostigma*  
*G. rupestris* (incl. *G.*  
*subcorymbosa*) (unc)  
*G. sp.* (unnamed; included in *G.*  
*depressa*, as var. *novae-*  
*zelandiae*, by Franklin 1962)

*Gaultheria macrostigma* X  
*G. sp.* (unnamed)

*Hebe canterburienensis*  
*H. odora* s.s.  
*H. topiaria* (unc)  
*H. sp.* (*Leonhebe mooreae*)

*Leptospermum scoparium*  
*Leucopogon fraseri* s.s. (unc)  
*Melicytus alpinus* s.s. (unc)  
*Myrsine divaricata* s.s.  
*M. nummularia*  
*Olearia colensoi* var. *colensoi*  
*O. lacunosa* var. *lacunosa*  
*Pentachondra pumila*

*Pimelea suteri* var. (*P. oreophila*)  
*Pittosporum rigidum* var. (*P. crassicaule*)  
*Pseudopanax anomalus*  
*Pseudowintera colorata*  
*P. traversii* (unc)

#### PSILOPSIDS AND LYCOPODS

*Tmesipteris tannensis*  
*Lycopodium australianum* (unc)  
*L. fastigiatum*  
*L. scariosum*  
*L. varium* (incl. *L. billardierei* and  
*L. novae-zelandicum*)

#### FERNS

*Asplenium flaccidum*  
*Blechnum discolor*  
*B. fluviatile* agg.  
*B. penna-marina*  
*B. procerum*  
*B. sp. (i)* (unnamed) (common lowlands  
lower pinnae reduced in length  
(unc)  
*B. sp. (ii)* (unnamed) (mountain  
sp.; lower pinnae not reduced in  
length) ("The Dunedin-Cass Variant  
of Crookes 1963)  
*Grammitis billardierei*  
*G. givenii* (unc)  
*G. magellanica* ssp. *notrofajeti*  
*G. poeppigiana* (unc)

Hymenophyllum armstrongii  
H. malingii  
H. multifidum  
H. tarum  
H. revolutum  
H. rufescens  
H. villosum  
Leptopteris superba  
Polystichum vestitum (unc)

### ORCHIDS

Aporostylis bifolia  
Chiloglottis cornuta  
Corybas acuminatus (unc)  
Lyceranthus antarcticus  
Prasophyllum colensoi  
Pterostylis venosa  
Thelymitra cyanea (unc)

### GRASSES

Agrostis dyeri s.s.  
A. personata  
  
Chionochloa australis  
C. conspicua ssp. conspicua  
C. rubra ssp. occulta  
Deyeuxia aucklandica  
D. avenoides (incl. D. a. var.  
brachyantha) (unc)

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Hierochloa novae-zelandiae  
Microlaena avenacea  
M. colensoi  
M. thomsonii (unc)  
Poa colensoi  
Rytidosperma gracile  
R. nigricans

### BEDGES

Carex acicularis (unc)  
C. libera  
C. sp. (i) (aff. C. dissita)  
C. sp. (ii) (cf. C. gaudichaudiana)  
  
C. sp. (iii) (aff. C. coriacea)  
Carpha alpina  
Gahnia procera  
Oreobolus impar  
O. pectinatus  
O. strictus  
Schoenus pauciflorus s.s.  
Isolepis aucklandica  
Uncinia astonii  
U. filiformis  
U. fuscovaginata var. <sup>plants</sup> (glaucous)  
U. involuta (unc)  
U. rupestris (incl. U. angustifolia)  
U. uncinata  
U. sp. (unnamed; aff. U. nervosa) (more  
slender than U. nervosa; see Edgar 1970, p. 23)

## RUSHES AND ALLIED PLANTS

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

## MONOCOT HERBS (OTHER THAN ORCHIDS)

### GRASSES, SEDGES, RUSHES AND ALLIED PLANTS

*Astelia linearis*  
*A. nivicola* s.s.  
*A. skottsbergii*  
*A. sp. (i)* (unnamed; included in *A. nivicola*, as var. *moriceae*, by Moore 1966)  
*A. sp. (ii)* (unnamed; aff. *A. nervosa*)  
*Herpolition novae-zelandiae* (unc)  
*Libertia pulchella*  
*Lozuriaga parviflora*  
*Phormium cookianum*

### COMPOSITE HERBS

*Abrotanella caespitosa*  
*A. linearis* s.s.  
*Anaphalis sp.* (*Helichrysum bellidoides* s.s.)

*Brachyglottis sp.* (unnamed; included in *B. bellidoides*, as var. *crassa*, by Nordenstam 1978)

*Celmisia alpina* s.s.

*C. armstrongii*

*C. dallii*

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

*C. laticefolia*

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

*C. parva*

*C. similis*

*C. sp.* (unnamed; aff. *C. gracilentata*) (lvs linear to linear-lanceolate; lower surface glabrous)

*C. armstrongii* x *C. parva* (unc)

*C. a.* x *C. similis* (unc)

*Craspedia sp.* (plants summer-green; lvs small, elliptic-spathulate, green; lf blade rather abruptly narrowed to long slender petiole; both surfaces clad in hispid hairs up to c. 1 mm long; fls white)

*Gnaphalium mackayi* s.s.

*G. paludosum* s.s.

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

*Raoulia grandiflora* var. *grandiflora*

## DICOT HERBS (OTHER THAN COMPOSITES)

*Aciphylla colensoi* var. *colensoi* (unc)

*A. hookeri* (unc)

*Actinotis novae-zelandiae*

*Anisotome aromatica*

*A. deltoidea* (unc)

*A. sp.* (unnamed) (turf-forming in

scaepages; infls short, up to 5 cm) (unc)

Cardamine sp. (*C. debilis* agg.)  
("Glossy Leaf" of Pritchard  
1957) (unc)  
*Colobanthus affinis*  
*Donatia novae-zelandiae*  
  
*Drosera arcturi*  
*D. spathulata*  
*D. stenopetala*  
*Epilobium cockayneanum*  
*E. pernitens*  
*Euphrasia townsonii* s.s.  
*Forstera mackayi*  
*F. tenella*  
*Gentiana montana* (incl. *G. m.* var.  
*stolonifera*, *G. patula* and *G.*  
*bellifolia* var. *pulchella*)  
*G. spenceri*  
*Getanium* sp. (aff. *G. microphyllum*)  
*Geum uniflorum*  
*Gonocarpus aggregatus*  
*Hydrocotyle* sp. (undetermined) (unc)  
*Kellettia dieffenbachii*  
*Klaxa*  
*Liparophyllum gunnii* (unc)  
*Mitrasacme novae-zelandiae* (unc)  
*Montia fontana* s.s.  
*Nertera balfouriana*  
*N. sp.* (unnamed; aff. *N. dichondri-*  
*folia*) (hairs present on both  
surfaces of lf, straight, not hooked  
as in *N. dichondrifolia*)

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

*Oreostylidium subulatum*

*Ourisia macrocarpa* ssp. *calycina*

*O. simpsonii*

*O. macrocarpa* X *O. simpsonii* (unc)

*Oxalis magellanica*

*Plantago novae-zelandiae* agg.

*P. uniflora*

*Pratia angulata* agg.

*Psychrophila novae-zelandiae* (unc)

*Ranunculus verticillatus*

*Schizilema nitens*

*Viola filicaulis* (unc)

No. of species: 193.

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