

HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS,  
FLOWERING PLANTS) OF GLASGOW RA., N.W. NELSON.

450-1475 M / 1500-4862 FT

(Highest point: 4862 ft, grid ref. S25 513932)

A.P. Druce, Wellington

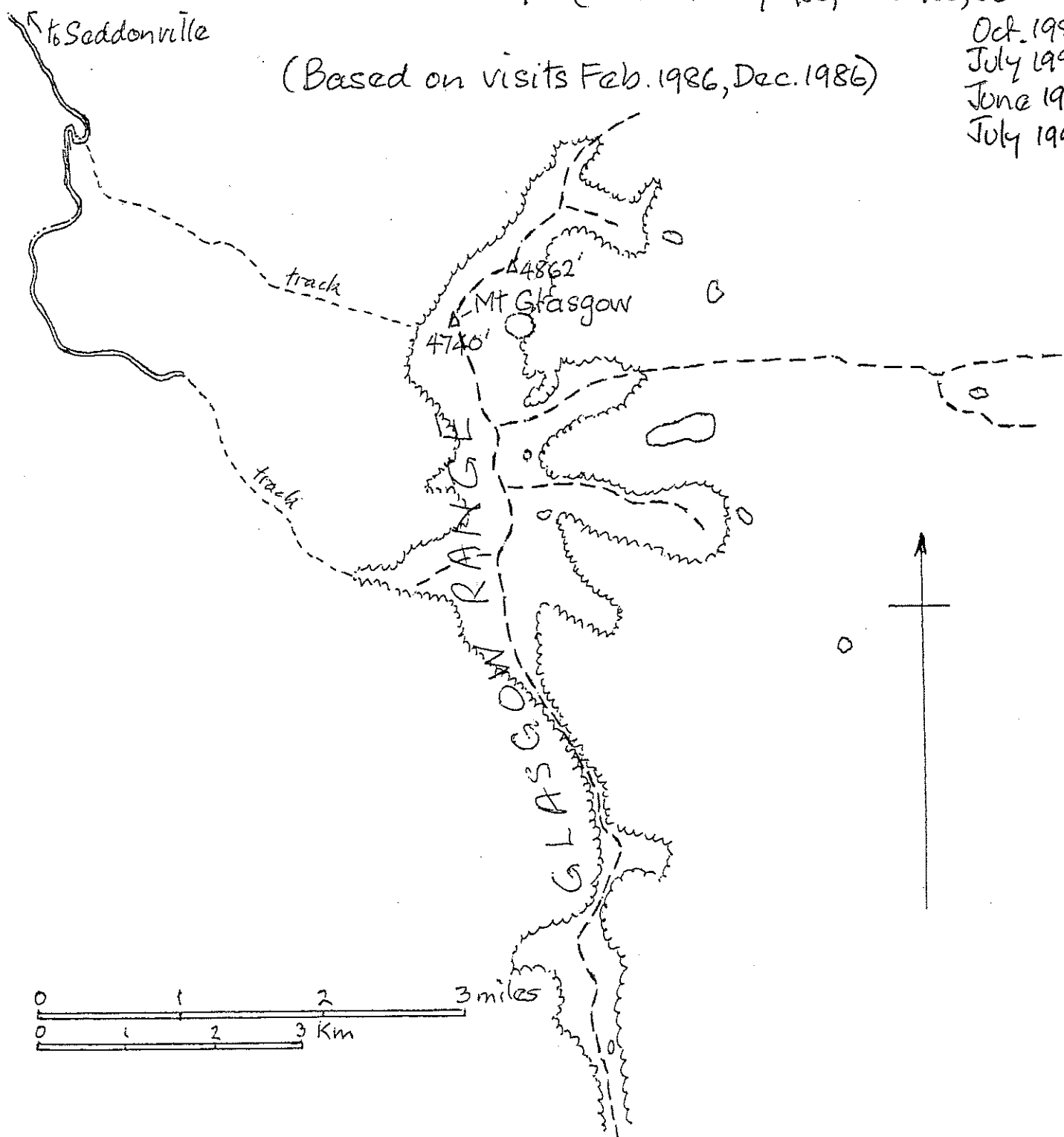
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Oct. 1988,  
July 1990,  
June 1991,  
July 1992)

(Based on visits Feb. 1986, Dec. 1986)



## INDIGENOUS PLANTS

(unc) - uncommon or local

### GYMNOSPERM TREES AND SHRUBS

*Dactyidium cupressinum*  
*Halocarpus biformis*  
*Lepidothamnus intermedius* (unc)  
*L. laxifolius*  
*Libocedrus bidwillii* (unc)  
*Phyllocladus alpinus* agg.  
*Podocarpus hallii*  
*P. nivalis* (unc)  
*Prumnopitys ferruginea*

*Pseudopanax linearis*  
*P. simplex* (incl. *P. s. var. sinclairii*)  
*P. sp.* (unnamed; included in *P. colensoi*, as var. *frödensis* and as var. *ternatus*, by Wardle 1968)  
*Quintinia serrata* (incl. *Q. acutifolia* and *Q. elliptica*)  
*Weinmannia racemosa* var. *racemosa*

### MONOCOT TREES AND SHRUBS

*Cordyline indivisa* (unc)

### DICOT TREES

*Carpodetus serratus*  
*Dracophyllum traversii* (incl. *D. pyramidale*)  
*Elaeocarpus hookerianus*  
*Fuchsia excorticata* (unc)  
*Griselinia littoralis*  
*Hoheria lyallii* var. (*H. glabrata*) (juv. only) (unc)  
*Metrosideros umbellata*  
*Myrsine salicina*  
*Nothofagus fusca*  
*N. menziesii*  
*N. solandri* var. *cliffortioides*  
*N. truncata*

### DICOT SHRUBS

*Arctostaphylos traversii* (incl. *A. t. var. australis*)  
*Aristotelia fruticosa* var. (unc)  
*Brachyglottis bidwillii* var. *viridis*  
*B. rotundifolia* var. (incl. *B. buchananii* & *B. cockaynei*)  
*Cassinia vauvilliersii* (unc)  
*Coprosma cheesemani* s.s.  
*C. ciliata* ssp. *ciliata*  
*C. colensoi* s.s.  
*C. crenulata*  
*C. depressa*  
*C. foetidissima*  
*C. grandifolia*  
*C. perpusilla* ssp. *perpusilla*

- C. propinqua* ssp. *propinqua* (unc). *Gaultheria crassa* X *G.* sp. (unnamed) (unc)  
*C. pseudocuneata* ssp. (lvs narrower than in ssp. *pseudocuneata*) *G. macrostigma* X *G.* sp. (unnamed) (unc)  
*C. rhamnoides* (incl. *C. polymorpha*) *Hebe canterburiensis*  
*C. serrulata* *H. ciliolata*  
*C. sp. (i)* (unnamed) (*C. parviflora* var. *dumosa* Allan 1961, non *C. p.* var. *dumosa* Cheeseman) *H. cockayneana* (unc)  
*C. sp. (ii)* (unnamed; aff. *C. pseudocuneata*) (low-growing shrubs with small, thick, arcuate lvs) *H. gracillima* (unc)  
*C. cheesemani* X *C. ciliolata* (unc) *H. macrantha* (Cockayne 1928, pp. 315-6)  
*Cyathodes dealbata* (incl. *C. pumila*) *H. salicifolia* var. *salicifolia* (unc)  
*C. empetrifolia* *H. topiaria*  
*C. sp. (C. juniperina* agg.) (lvs us. >1cm X >1mm, up to 1.5cm X 2.5mm) *H. sp. (Leonohebe masoniae)* (incl. *L. m.* var. *rotundata*)  
*Dracophyllum longifolium* var. (incl. *D. filifolium* and *D. oliveri*) *Leptospermum scoparium*  
*D. politum* (incl. *D. densum*) *Leucopogon fasciculatus* var.  
*D. pubescens* var. *pubescens* *Melicactus alpinus* s.s.  
*D. uniflorum* var. *uniflorum* *Metrosideros parkinsonii*  
*D. politum* X *D. pubescens* (unc) *Myrsine divaricata* s.s.  
*Gaultheria crassa* *M. nummularia*  
*G. depressa* s.s. *Neomyrtus pedunculata*  
*G. nubicola* (unc) *Olearia avicennifolia* (unc)  
*G. sp. (unnamed; included in G. depressa, as var. novaezelandiae, by Franklin 1962)* *O. colensoi* var. *colensoi*  
*O. lacunosa* var. *lacunosa*  
*Pentachondra pumila*  
*Pittosporum rigidum* var. (*P. crassicaule*)  
*Pseudopanax anomalus*  
*Pseudowintera colorata*

## DICOT LIANES AND RELATED

### TRAILING PLANTS

- Metrosideros fulgens*
- Muehlenbeckia axillaris* (unc)
- Robus cissoides* var. (leaflets broader than in var. *cissoides*)

## PSILOPSIDS AND LYCOPODS

- Tmesipteris tannensis*
- Lycopodium australicum*
- L. fastigiatum*
- L. scarosum*
- L. varium* (incl. *L. billardierei* and *L. novae-zelandicum*)
- L. volubile*

## FERNS

- Asplenium flaccidum*
- Blechnum discolor*
- B. fluviatile* agg.
- B. penna-marina*
- B. procerum*
- B. sp. (i)* (unnamed) (common lowland sp.; lower pinnae reduced in length)
- B. sp. (ii)* (unnamed) (mountain sp.; lower pinnae not reduced) ("The Dunedin-Cass Variety" of Crookes 1963)
- B. procerum* × *B. sp. (ii)* (unc)

- Ctenopteris heterophylla*
- Cyathea colensoi*
- Dicksonia squarrosa*
- Glaichenia dicarpa*

*Grammitis billardierei*

*G. givenii* (unc)

*G. magellanica* spp. *nothofageti*

*G. poeppigiana*

*Histiopteris incisa*

*Hymenophyllum armstrongii*

*H. bivalve*

*H. demissum*

*H. dilatatum*

*H. ferrugineum*

*H. flabellatum*

*H. lyallii* (unc)

*H. minimum* (unc)

*H. multifidum*

*H. peltatum* (unc)

*H. revolutum*

*H. rufescens*

*H. villosum*

*Hypolepis distans* (unc)

*H. millefolium*

*H. rufobarbata* (unc)

*Leptopteris superba*

*Paesia scaberula*

*Polystichum cystostegia* (unc)

*P. vestitum*

*Pteridium esculentum*

*Schizaea australis* (unc)

*Trichomanes endlicherianum*

*T. elongatum*

*T. reniforme*

## ORCHIDS

*Adenochilus gracilis* (unc)

*Aporostylis bifolia*

*Chiloglottis cornuta*

*Corybas acuminatus* (unc)

*C. macranthus* (unc)

*C. thlobus* s.s.  
*Cyrtostylis reniformis* s.s.  
*Dendrobium cunninghamii*  
*Eatina autumnalis*  
*E. mucronata* s.s.  
*Lyperanthus antarcticus*  
*Prasophyllum colensoi*  
*Pterostylis ifsoniana* (unc)  
*P. venosa*  
*Thelymitra cyanea*  
*T. hatchii* (unc)  
*T. longifolia* (unc)

**GRASSES** *T. pulchella* (unc)

*Agrostis dyeri* s.s.  
*A. personata*  
*A. sp.* (unnamed; aff. *A. dyeri*)  
(panicle not contracted as in *A. dyeri*)  
*Chionochloa australis*  
*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. australis* x *C. pallens* (unc)  
*C. pallens* x *C. rubra*  
*Deschampsia tenella*  
*Deyeuxia aucklandica*  
*Hierochloa novae-zelandiae*  
*Microlaena avenacea*  
*M. colensoi* s.s.

*Poa breviglumis*  
*Poa celsa*  
*P. colensoi*  
  
*P. maia*  
*P. novae-zelandiae* s.s.  
*P. sp.* (unnamed; aff. *P. novae-zelandiae*) (lvs much narrower than in *P. novae-zelandiae*) (unc)

*Rytidosperma gracile*  
*R. nigricans*  
*R. setifolium*  
*Trisetum sp.* (unnamed) (plants slender; lf sheath glabrous or nearly so; lf blade flat, up to 2.5 mm wide, margins smooth, us. with a few hairs near ligule)  
(unc)

**SEDGES**

*Carex aciculatis*  
*C. cockayneana* (unc)  
*C. dallii* (unc)  
*C. dissita* s.s.  
*C. gaudichaudiana* (unc)  
*C. libera*  
*C. pyrenaica* var. *cephalotes*  
(unc)  
*C. sp. (i)* (unnamed; aff. *C. coriacea*)  
*C. sp. (ii)* (unnamed; aff. *C. dissita*)

*Carpha alpina* s.s.

*C. sp.* (unnamed) (plants "taller and more slender" than in *C. alpina*, with "narrower lvs"; see Edgar 1970, p. 200) (unc)

*Gahnia procera*

*Isolepis aucklandica*

*I. caligenis*

*I. habra*

*Oreobolus impar*

*O. pectinatus*

*O. strictus*

*Schoenus pauciflorus* s.s.†

*Uncinia astonii*

*U. clavata*

*U. divaricata*

*U. filiformis*

*U. fuscovaginata* var. (plants glaucous) var. *novae-zelandiae*

*U. gracilentata*

*U. involuta*

*U. longifructos*

*U. nervosa* s.s.

*U. rupestris* (incl. *U. angustifolia*) *A. sp.* (i) (unnamed; included in

*U. uncinata*

*U. viridis*

*U. zotovii*

*U. sp.* (unnamed; aff. *U. nervosa*) (more slender than *U. nervosa*; see Edgar 1970, p. 231)

*Empodisma minus*

*Gaimardia setacea*

*Juncus antarcticus*

*J. novae-zelandiae*

*J. pusillus*

*Luzula colensoi*

*L. migrata*

*L. subclavata* (unc)

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

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

#### MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES, RUSHES

*Astelia linearis* (incl. *A. l.*

var. *novae-zelandiae*)

*A. nivicola* s.s.

*A. petriei*

*A. skottsbergii*

*A. sp.* (i) (unnamed; included in

*A. nivicola*, as var. *moiticeae*, by Moore 1966)

*A. sp.* (ii) (unnamed; aff. *A. nervosa*)

(lvs broad, not conspicuously white adaxially as in *A. nervosa*)

*Dianella nigra*

*Metropolium novae-zelandiae*

*Libertia peregrinans* (unc)

*L. pulchella*

*Luzuriaga parviflora*

*Phormium cookianum*

#### RUSHES AND ALLIED PLANTS

*Centrolepis ciliata*

*C. pallida* (unc)

† ("slender form" of Edgar 1970, p. 194)

## COMPOSITE HERBS

- Abrotanella caespitosa*  
*A. linearis* s.s.  
*A. pusilla*  
*Anaphalis* sp. (*Helichrysum bellidioides* s.s.)  
*Brachyglottis* sp. (unnamed; included in *B. bellidioides*, as var. *crassa*, by Nordenstam 1978)  
*Celmisia alpina* s.s.  
*C. argentea* (unc)  
*C. armstrongii*  
*C. dallii*  
*C. gibbsii*  
*C. incana* (incl. *C. discolor*)  
*C. laricifolia*  
*C. lateralis* (incl. *C. l.* var. *villosa*) (unc)  
*C. monroi* ssp. (*C. coriacea* var. *lanceifolia*)  
*C. sessiliflora*  
*C.* sp. (unnamed; aff. *C. gracilentata*)  
(tufted; lvs linear to linear-lanceolate, up to 45cm x 1.2cm; upper surface and margins thinly covered in tomentum; lower surface densely covered)
- Calpina* x *C.* sp. (undetermined) (unc)  
*Craspedia* sp. (unnamed) (plants summer-green; lvs green; both surfaces clad in multicellular hairs; margins faintly to distinctly white with cottony hairs; fls white)

*Dolichoglottis scorzonoides*

- Gnaphalium avidax*  
*G. involucratum* (unc)  
*G. laterale* (unc)  
*G. limosum* s.s.  
*G. sphaeticum* (unc)
- Lagenifera cuneata* (unc)  
*L. pumila* (unc)  
*L. strangulata*  
*Leucogenes grandiceps* (unc)  
*Raoulia eximia* var.  
*R. glabra* (unc)  
*R. grandiflora* var. *grandiflora*  
*Senecio minimus*  
*S. wairauensis*

## DICOT HERBS OTHER THAN

### COMPOSITES

- Acaena ansetinifolia*  
*A. profundeincisa* (unc)  
*Aciphylla anomala*  
*A. colensoi* var. (*A. indurata*)  
*A. hookeri*  
*A. polita* var.  
*A. colensoi* x *A. hookeri*  
*Actinotis novaezelandiae*

Anisotome aromatica  
A. haastii  
A. sp. (i) (unnamed; included in A.  
imbricata, as var. prostrata, by  
Dawson 1961)  
A. sp. (ii) (unnamed) (mat-forming;  
infls up to 5 cm tall)

Cardamine sp. (i) (C. debilis agg.)  
(cf. "Long Style" of Pritchard 1957)  
C. sp. (ii) (C. debilis agg.) ("Glossy  
Leaf" of Pritchard 1957?)

Colobanthus affinis (unc)  
Donatia novae-zelandiae  
Drosera arcturi  
D. spathulata  
D. stenopetala

Elatine gratioloides (unc)  
Epilobium brunnescens s.s.  
E. cockayneanum  
E. pernitens  
E. sp. (unnamed; included in E.  
brunnescens, as ssp. minuti-  
florum, by Raven & Engelman,  
1971)

Euphrasia revoluta (unc)  
E. townsonii s.s.

Forstera mackayi

F. tenella

F. sp. (unnamed; aff. F. sedifolia)

F. sp. (unnamed) (not seen in  
field; specimens from Glasgow  
Ra. in CHR)

Gentiana spenceri

C. townsonii

G. sp. (i) (unnamed; included in  
G. bellidifolia, as var. australis,  
by Cheeseman 1925)

G. sp. (ii) (unnamed; aff. G. montana)  
(stems tall, robust, often decum-  
bent at base; basal lvs densely  
rosulate, in adult plants us. placed  
well above ground level; infl umb-  
elliform)

Geranium sp. (unnamed; aff. G.  
microphyllum)

Geum uniflorum

Gonocarpus aggregatus

Gunnera monoica

Hydrocotyle heteromera (unc)

H. microphylla (unc)

Kelleria dieffenbachii

K. laxa (unc)

K. multiflorus (unc)

Mitrasacme novae-zelandiae

Myosotis forsteri (unc)

M. lyallii (incl. M. l. var. townsonii  
and M. elderti) (unc)

Myriophyllum pedunculatum  
ssp. novae-zealandiae) (unc)

Nertera batfouriana

N. ciliata

N. depressa (incl. N. cunning-  
hamii)

N. scapanioides (unc)



N.sp. (unnamed; aff. *N. dichondrifolia*) (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 lactea* ssp. *lactea*

*O. simpsonii*

*Oxalis magellanica*

*Parahеbe lyallii* (unc)

*Phyllachne colensoi* var.

*Plantago lanigera* s.l. (incl. *P. n. z.*)

*P. uniflora*

*Pratia angulata* agg.

*Psychrophila novae-zelandiae*

*Ranunculus insignis* (unc)

*R. membranifolius*

*Schizilema haastii* s.s.

*S. nitens* (unc)

*Stellaria decipiens* (incl. *S. parviflora*)

*Urtica incisa* (unc)

*Viola cunninghamii*

*V. filicaulis*

### RECORDS NOT ACCEPTED

*Brachyotis bidwillii* X *Olearia arborescens* (?) (Cochayne 1928, p. 316, as *Seneciobidwillii* X *O. arborescens*)

*Hebe odora* (Cochayne 1928, p. 316, as *H. buxifolia*)

*H. vernicosa* (Cochayne 1928, p. 316)

*H. odora* X *H. macrantha* (Cochayne 1928, p. 316, as *H. buxifolia* X *H. macrantha*)

*H. odora* X *H. vernicosa* (Cochayne 1928, p. 316, as *H. buxifolia* X *H. vernicosa*)

*Gentiana montana* (Cochayne 1928, p. 316)

*Ourisia macrophylla* (Cochayne 1928, p. 316)

*Hebe carnosula* (Townson 1907, as *Veronica carnosula*)

### ADVENTIVE PLANTS

*Agrostis capillaris* (unc)

*Mycelis muralis* (unc)

No. of indigenous spp.: 329.

No. of adventive spp.: 2.

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