

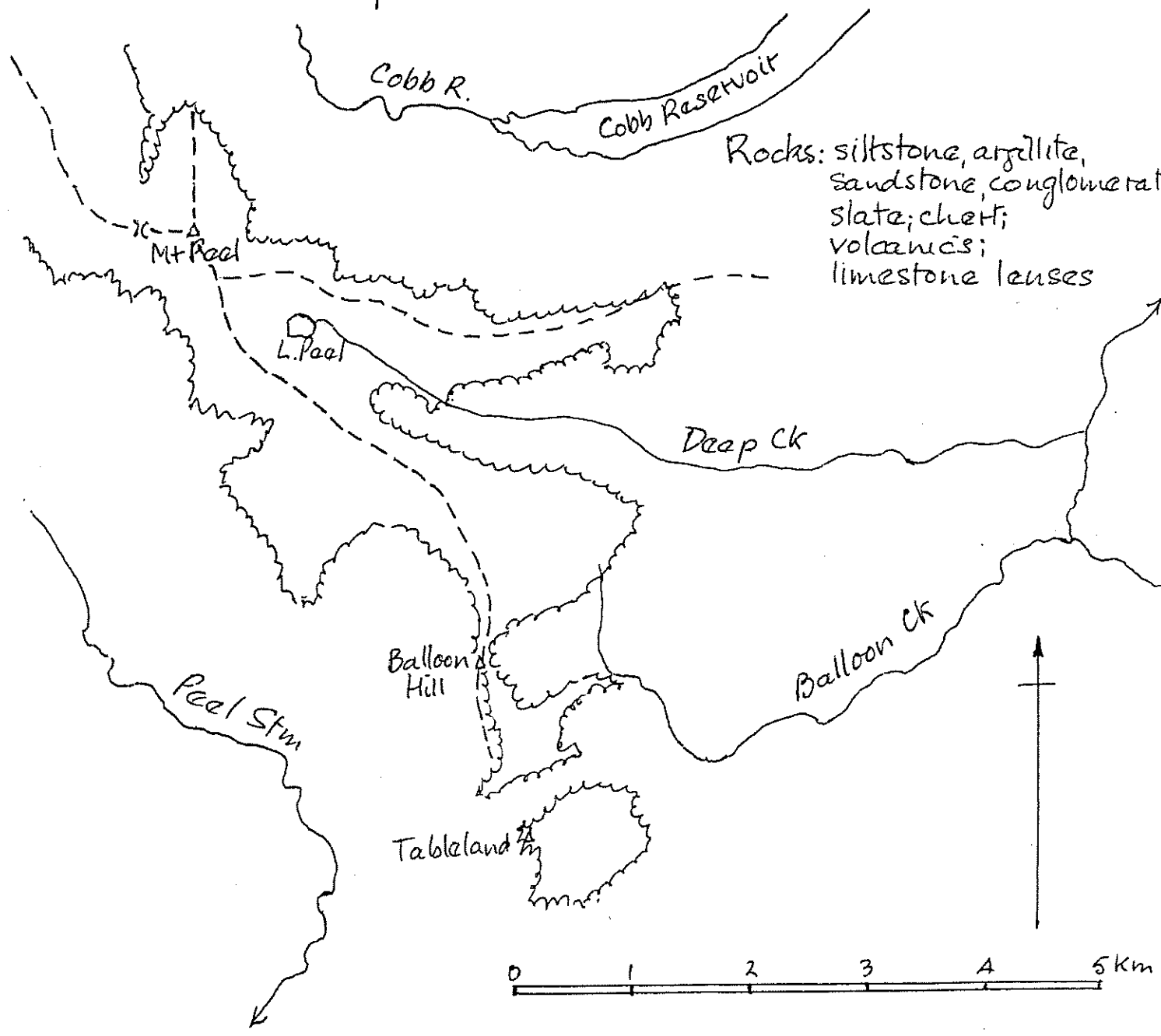
HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF MT PEEL* AND TABLELAND, NORTH-WEST NELSON, EXCLUDING AREAS OF TERTIARY ROCKS,†
900-1654 M (3000-5400 FT)

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(revised Sept. 1987, Oct. 1987, June 1988, June 1990, June 1991)
(Based on visits April 1969, Dec. 1986, May 1987, Dec. 1988)

* Grid ref. M27 757075

† For plants of these areas see List No. 285

July 1991



INDIGENOUS PLANTS

(unc) - uncommon or local

GYMNOSPERM TREES AND SHRUBS

Halocarpus bidwillii
H. biformis
Lepidothamnus laxifolius
L. intermedius intermedius X
L. laxifolius (unc)
Libocedrus bidwillii
Phyllocladus alpinus agg.
Podocarpus hallii
P. nivalis
P. hallii X *P. nivalis* (unc)

MONOCOT TREES

Cordyline indivisa (unc)

DICOT TREES

Carpodetus serratus
Dracophyllum traversii (incl. *D. pyramidale*)
Fuchsia excorticata (unc)
Griselinia littoralis
Hoheria lyallii var. (*H. glabrata*)
Nothofagus fusca
N. menziesii
N. solandri var. *cliffortioides*
Pseudopanax colensoi s.s.
P. linearis (unc)
P. simplex (incl. *P. s.* var. *sinclairii*)
P. sp. (unnamed; included in *P. colensoi*, as var. *fiordensis* and as var. *ternatus*, by Wardle 1968)

DICOT SHRUBS

Amstotella fruticosa var.
Brachyglottis adamsii
B. bidwillii var. *viridis*
B. rotundifolia var. (incl. *B. buch-ananii* & *B. cochaynei*) (unc)
Cassinia vauvilliersii

Coprosma atropurpurea
C. cheesemani s.s.
C. ciliata ssp. *ciliata*
C. colensoi s.s.
C. depressa
C. foetidissima
C. microcarpa
C. perpusilla ssp. *perpusilla*
C. patrici (Oliver 1935)
C. pseudocuneata ssp.
C. thamnoides (incl. *C. poly-morpha*)
C. setulata (unc)
C. sp. (i) (unnamed; aff. *C. pseudo-cuneata*) (low-growing shrubs with small, thick, arcuate lvs)
C. sp. (ii) (unnamed; included in *C. parviflora* by Oliver 1935, and others) (If undersurface not minutely hairy as is usual in *C. parviflora*; drupes vs. unpigmented, occ. purplish red)
C. sp. (iii) (unnamed) (*C. parviflora* var. *dumosa* sensu Allan 1961, not *C. p.* var. *dumosa* Cheeseman)
C. cheesemani X *C. ciliata* (unc)

Coriaria sarmentosa
 Cyathodes dealbata (incl. *C.*
pumila)
C. ampelifolia
Dracophyllum longifolium var.
 (incl. *D. filifolium* and *D. oliv-*
erii)
D. pubescens var. *pubescens* (unc)
D. uniflorum
Exocarpos bidwillii
Gaultheria antipoda (unc)
G. crassa
G. sp. (unnamed; included in *G.*
depressa, as var. *novae-zeland-*
iae, by Franklin 1962)
G. nubicola
Hebe albicans var. *albicans*
H. canterburiensis
H. ciliolata
H. cockayneana var.
H. epacridea var. *epacridea*
 (unc)
H. haastii var. (aff. var. *humilis*;
 see Moore 1961, p. 940)
H. macrantha var. *brachyphylla*
H. ochracea
H. odora s.s.
H. salicifolia var. *salicifolia*
H. tetragona var. (*H. coarctata*)
H. topiaria
H. vernicosa
H. sp. (*Leonohebe masoniae*)*
Melichthysum intermedium
 var.
Leucopogon fraseri s.s.
L. suaveolens (incl. *Cyathodes*
colensoi)
Meliclytus alpinus s.s.

Myrsine divaricata s.s.
M. nummularia
Olearia capillaris (unc)
O. colensoi var. *colensoi* (unc)
O. lacunosa var. *lacunosa*
O. nummulariifolia var. (lvs dis-
 tinctly longer than broad, rather
 than suborbicular as in var.
nummulariifolia)
O. virgata var. *implicita* (incl.
O. v. var. divaricata and *O. v.*
var. laxiflora) (unc)
O. arborescens X *O. capillaris* (unc)
O. capillaris X *O. lacunosa* (unc)
Pentachondra pumila

Pimelea suteri var. (*P. oreophila*)
Pittosporum anomalum
P. rigidum var. (*P. crassicaule*)
Pseudopanax anomalus
Pseudowintera colorata
Traversia baccharoides

DICOT LIANES AND RELATED

TRAILING PLANTS

Muehlenbeckia axillaris
M. australis X *M. axillaris* (unc)
Rubus cissoides var. (leaflets
 broader than in var. *cissoides*)

LYCOPODS

Lycopodium australianum
L. fastigiatum
L. scarosum
L. varium (incl. *L. billardierei*
 and *L. novae-zelandicum*)

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

FERNS

Asplenium flaccidum
A. richardii
Blechnum 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 in length) ("The Dunedin-Cass Variety" of Crookes 1963)
Cyathea colensoi
Cystopteris tasmanica
Grammitis billardierei
G. givenii (unc)
G. magellanica ssp. *nothofageti*
G. patagonica
G. poeppigiana
Histiopteris incisa
Hymenophyllum multifidum
H. ratum
H. villosum
Hypolepis millefolium
Paesia scaberula
Polystichum vestitum
Pteridium esculentum (unc)

ORCHIDS

Apotostylis bifolia
Caladenia lyallii
Chiloglottis cornuta
Corybas macranthus
C. trilobus s.s.

Prasophyllum colensoi
Pterostylis australis
P. humilis (unc)
Thelymitra cyanea

GRASSES

Agrostis dyeri ss.
A. muelleriana
A. personata
A. sp. (unnamed; aff. *A. dyeri*) (panicle spreading, 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. rubra X *C. sp.* (unnamed) (unc)
Deschampsia tenella
Deyeuxia aucklandica
Davenoides (incl. *D. a.* var. *brachyantha*)
Elymus sp. (aff. *E. rectisetus*) (lvs \pm glaucous)
Festuca sp. (aff. *F. matthewsii*) (tufted, but not tussock-forming, glaucous)
Hierochloa novae-zelandiae
Koeleria cheesemanii
K. sp. (*K. novo-zelandica* agg.) (plants slender, rhizomatous; lvs up to 1.5mm wide) (unc)

Lachnagrostis sp. (unnamed; included in *L. filiformis*, as var. *semi-glabra*, by Zotov 1965)

Microlaena colensoi s.s.

Poa breviglumis

P. celsa

P. colensoi

P. dipsacea

P. imbecilla

P. kirkii

P. maia

P. subvestita

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

Rytidosperma buchananii

R. gracile

R. setifolium

Simplicia buchananii (unc)

Trisetum youngii

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

SEDGES

Carex aciculatis

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

C. flaviformis (unc)

C. gaudichaudiana

C. libeta

C. pyrenaica var. *cephalotes*

C. sinclairii

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

(lvs slender, bright green, not becoming stiff and yellow-green in exposed sites)

Carpha alpina s.s.

Eleocharis acuta

Gahnia procera

Isolepis aucklandica

I. habra

Oreobolus pectinatus

O. strictus

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

Uncinia caespitosa

U. clavata

U. divaricata

U. filiformis

U. fuscovaginata var. (plants glaucous)

U. involuta

U. nevosa s.s.

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

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

U. sp. (unnamed) (*U. affinis* sensu

Hamlin 1959, non *U. riparia* var. *affinis* Col. ex Clarke; see Nooteboom 1978)

RUSHES AND ALLIED PLANTS

Centrolepis ciliata

Empodisma minus

Juncus antarcticus

J. novae-zelandiae

J. pusillus (unc)

Luzula colensoi

L. migrata

L. picta s.s.

L. rufa s.s.

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

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

L. colensoi X *L. migrata*

L. migrata X *L. rufa*

MONOCOT HERBS OTHER THAN

ORCHIDS, GRASSES, SEDGES, RUSHES

AND ALLIED PLANTS

- Arthropodium candidum
- Astelia graminea
- A. linearis var. linearis
- A. nervosa ss.
- A. nivicola s.s.
- A. pettiei
- A. sp. (i) (unnamed; included in A. nivicola, as var. moticeae, by Moore 1966)
- A. sp. (ii) (unnamed; aff. A. nervosa) (lvs broad, not conspicuously white adaxially as in A. nervosa)
- Bulbinella hookeri
- Herpotion novae-zelandiae
- Libertia peregrinans
- L. pulchella
- Phormium cookianum
- Potamogeton cheesemani (unc)
- P. suboblongus (unc)

Colmisia alpina ss.

- C. bellidioides
- C. dallii
- C. hieracifolia ssp.
- C. incana (incl. C. discolor)
- C. lanceifolia
- C. lateralis (incl. C. l. var. villosus)
- C. montoi ssp. (C. coriacea var. lanceifolia)
- C. rupestris
- C. sessiliflora
- C. similis
- C. sinclairii (incl. Callanii & 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 4.5 x 1.2 cm; upper surface & margins thinly covered in tomentum; lower surface densely covered)

COMPOSITE HERBS

- Abrotanella caespitosa
- A. linearis s.s.
- Anaphalis sp. (Helichrysum bellidioides ss)
- Brachyglottis sp. (unnamed; included in B. bellidioides, as var. crassa, by Nordenstam 1978)
- Brachyscome radicata
- B. sinclairii s.s.

- C. sessiliflora X C. spectabilis (unc)
- C. s. X C. traversii (unc)
- C. aspedia sp. (i) (unnamed) (plants summer-green; lvs green, both surfaces densely clad in short glandular hairs; margins ± white; fls white)
- C. sp. (ii) (unnamed)
- C. sp. (iii) (unnamed)

Leptinella sp.(i) (*L. pyrathrifolia* agg.)
L. sp.(ii) (unnamed; included in *L. squalida* as ssp. *mediana*, by Word and Webb, 1987)
Gnaphalium mackayii s.s.
G. paludosum
G. traversii
Haastia sinclairii s.s.
Helichrysum filicaule

Lagenifera pinnatifida
L. pumila
L. strangulata
Leucogenes grandiceps
Microseris scapigera var.
Pseudognaphalium sp. (unnamed; aff. *P. lotocalbum*) (mountain sp.; lvs mostly oblong-spathulate to narrowly oblong, rounded)
Raoulia eximia var. (*R. rubra*)
R. glabra
R. grandiflora var. *grandiflora*
Senecio glaucophyllus ssp. *glaucophyllus* (unc)
S. waitauensis

Anisotome aromatica

A. deltoidea
A. filifolia
A. pilifera
A. sp. (unnamed; included in *A. imbricata* as var. *prostrata*, by Dawson 1961)
Cardamine sp.(i) (*C. debilis* agg.) ("Narrow Petal" of Pritchard 1957)
C. sp.(ii) (*C. debilis* agg.) (cf. "Long Style" of Pritchard 1957)
C. sp.(iii) (unnamed) (lvs mostly simple blade \pm reniform)
C. sp.(iv) (aff. *C. corymbosa*)
Cheesemania latifolia (incl. *C. gibbsii*)
Colobanthus aciculatus
C. apetalus (incl. *C. a.* var. *alpinus*)
C. canaliculatus
C. strictus
Crassula sinclairii
Donatia novae-zelandiae
Drosera arcturi
D. spathulata
D. stenopetala
Epilobium atriplicifolium s.s.
E. brunnescens s.s.
E. chlorifolium

DICOT HERBS OTHER THAN COMPOSITES

Acaena fissistipula
A. profundeincisa
A. saccaticupula
Aciphylla anomala
A. ferox
A. polita var.
A. sp. (unnamed; aff. *A. glaucescens*) (pinnae rigid)
A. anomala X *A. ferox* (Dawson and Le Comte, 1978)

E. cocharyneanum
E. glabellum s.s.
E. gracilipes (unc)
E. macropus
E. margaretae
E. netteroides
E. pernitens
E. pubens

E. pycnostachyum
E. rubromarginatum
E. vernicosum
E. sp. (i) (unnamed; included in *E. brunnescens*, as ssp. *minutiflorum*, by Raven and Engelman, 1971)
E. sp. (ii) (unnamed; aff. *E. glabellum*)
Euphrasia cheesemani
E. townsonii s.s.
E. sp. (i) (unnamed; aff. *E. laingii*)
E. sp. (ii) (unnamed; aff. *E. townsonii*)
Forstera mackayi
Galium perpusillum s.s.
Gentiana bellidifolia var.
G. sp. (i) (unnamed; aff. *G. corymbifera*)
G. gracilifolia (incl. *G. vernicosa*)
G. montana (incl. *G. m. var. stolonifera*, *G. patula*, and *G. bellidifolia* var. *pulchella*)
G. sp. (ii) (unnamed; aff. *G. bellidifolia*) (plants forming small to large patches; lvs very glossy; fls large, creamy white)
Geranium sp. (aff. *G. microphyllum*)
Geum leiospermum
G. sp. (i) (*G. parviflorum* agg.) (stock short; terminal leaflet about as long as broad; fls up to 13 mm diam.)
G. sp. (ii) (*G. parviflorum* agg.) (stock creeping and branching; terminal leaflet slightly longer than broad; fls up to 8 mm diam.)
Gingidia decipiens
Gonocarpus aggregatus

G. micranthus ssp. *micranthus*
G. montanus
Hydrocotyle heterometria (unc)
H. moschata (unc)
H. sulcata
Kelleria dieffenbachii
K. laxa
K. multiflora
K. tessellata
Lobelia roughii
Mentha cunninghamii
Montia fontana s.s.

Myosotis macrantha
M. sp. (i) (unnamed; included in *M. pygmaea*, as var. *drucei*, by Moore 1961)
M. sp. (ii) (*M. australis* agg.) (fls yellow)
M. sp. (iii) (*M. australis* agg.) (fls small, white)
Myriophyllum triphyllum (unc)
Neopaxia sp. (incl. *Montia calycina* & *Claytonia australasica* var. *biflora*)
Nertera balfouriana
N. ciliata
N. sp. (unnamed; aff. *N. dichondrifolia*) (hairs present on both surfaces of lf, straight, not hooked as in *N. dichondrifolia*)
Notolaspi sp. (*N. australe* auct., non *Thlaspi australe* Hook. f.)
Oreomyrrhis colensoi s.s. (incl. *O. c. var. hispida* and *O. c. var. multifida*)
Oreostylidium subulatum

Oritisia caespitosa ssp. *caespitosa*

O. lactea ssp. *lactea*

O. simpsonii

Oxalis magellanica

Parakebe cheesemani

P. decora

P. lyallii

Phyllachne colensoi var.

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

P. raoulii

P. uniflora

Pratia angulata agg.

P. macrodon s.s.

Psychrophila novae-zealandiae

Ranunculus foliosus

R. insignis

R. membranifolius

R. mitis

R. reflexus

R. verticillatus

Schizaelema colensoi

S. haastii s.s.

S. nitens

S. roughii

Scleranthus uniflorus

Stellaria decipiens (incl. *S. parviflora*)

S. gracilentia

Viola cunninghamii

V. filicaulis

Wahlenbergia albomarginata

var. *albomarginata* (incl. *W.*

brockiei, *W. pygmaea* var. *laxa*,

and *W. simpsonii*)

No. of species: 363.

ADVENTIVE PLANTS

GRASSES

Agrostis capillaris
Anthoxanthum odoratum
Dactylis glomerata (unc)
Festuca nigrescens
Holcus lanatus
Poa annua
P. pratensis

SEDGES

Carex ovalis

RUSHES

Juncus articulatus
J. effusus

COMPOSITE HERBS

Hypochoeris radicata
Mycelis muralis
Taraxacum officinale s.l.

DICOT HERBS OTHER THAN COMPOSITES

Cerastium fontanum ssp. *vulgare*
Linum catharticum
Rumex acetosella
Sagina procumbens
Trifolium repens

No. of species: 18.

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