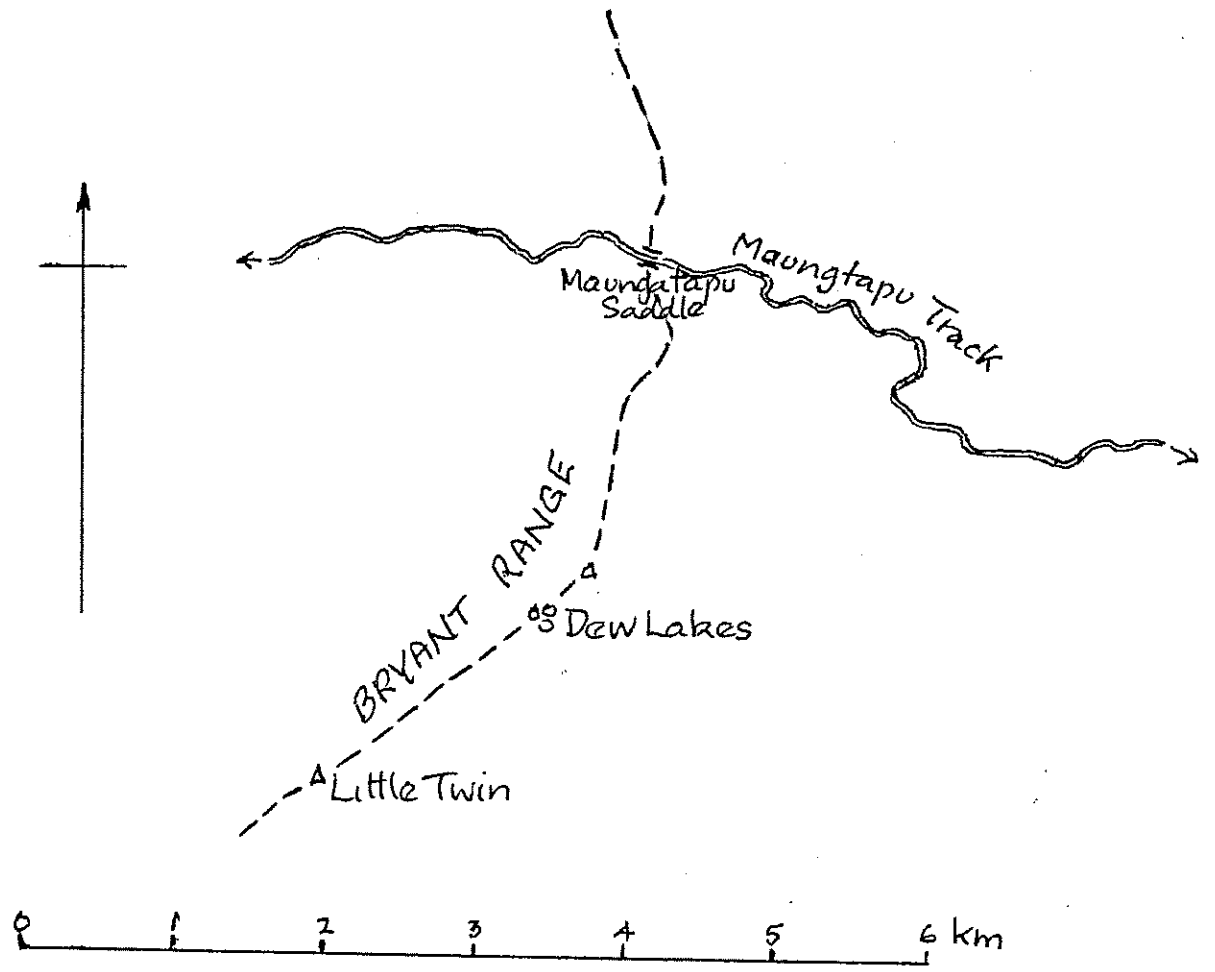


INDIGENOUS HIGHER PLANTS (PSILOPSIDS, LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF MAUNGATAPU¹ - DEW LAKES² - LITTLE TWIN³ AREA, BRYANT RANGE, E NELSON, 480-1143 M

- ¹ Ghd ref. NZMS 260 027 447870
- ² Ghd ref. NZMS 260 027 443868
- ³ Ghd ref. NZMS 260 027 430855

A.P. Druce, Wellington, October 1989
(revised June 1990, April 1992)



(unc) - uncommon

m - confined to "mineral belt"

GYMNOSPERM TREES AND SHRUBS

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

- Brachyglottis rotundifolia var. (B. elaeagnifolia) (unc)
- Carmichaelia sp. (subgenus Carmichaelia)
- Cassinia vauvilliersii
- Coprosma ciliolata ssp. ciliolata (unc)
- C. colensoi ss.
- C. foetidissima
- C. grandifolia (unc)
- C. linearifolia (unc)
- C. lucida ss. (unc)
- C. microcarpa
- C. propinqua ssp. propinqua

MONOCOT TREES AND SHRUBS

- Cordyline banksii

DICOT TREES

- Carpodetus serratus
- Elaeocarpus hookerianus (unc)
- Griselinia littoralis
- Metrosideros umbellata
- Myrsine australis
- Nothofagus fusca
- N. menziesii
- N. solandri
- Pseudopanax colensoi ss. (unc)
- P. crassifolius
- P. simplex (incl. P. s. var. sinclairii) (unc)
- Weinmannia racemosa var. racemosa

- C. pseudocuneata ssp.
- C. thamnoides (incl. C. polymorpha)
- C. sp. (i) (unnamed) (C. parviflora var. dumosa Allan 1961, non C. parviflora var. dumosa Cheeseman) (Dew Lakes)
- 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. propinqua X C. robusta (unc)
- Conaria arborea
- Cyathodes empetrifolia
- C. sp. (C. juniperina agg.) (vs small, vs. <1 cm X <1 mm)

DICOT SHRUBS

- Anstotelia fruticosa var.

Dracophyllum longifolium var.
(incl. *D. filifolium* and *D. oliveti*)

D. prorum (Dew Lakes)

D. uniflorum (unc)

Exocarpus bidwillii (unc)

Gaultheria antipoda (unc)

G. sp. (unnamed; included in *G.*

depressa, as var. *novae-zelandiae*,

b7 Franklin 1962) (Dew Lakes)

Hebe carnosula

H. odora s.s. (Dew Lakes)

H. venustula (incl. *H. brachysiphon*)

H. vernicoso

H. sp. (*Veronica squalida*)

Helichrysum intermedium var.

(Mauvangatapu)

Kunzea ericoides agg.

Leptospermum scoparium var.

Leucopogon fasciculatus var.

L. fraseri s.s.

Melictytus alpinus s.s.

Myrsine divaricata s.s.

Olearia arborescens (unc)

O. avicenniaifolia (unc)

Pentachondra pumila

m *Pimelea suteri* var. *suteri* (unc)

Pittosporum anomalum

P. rigidum var. (*P. crassicaule*)

Pseudopanax anomalus (unc)

Pseudowintera colorata

C. paniculata (unc)

Muehlenbeckia axillaris

Parsonsia sp. (unc)

Rubus cissoides var. (lflets broader

than in var. *cissoides* (unc)

PSILOPSIDS AND LYCOPODS

Tmesipteris tannensis (unc)

Lycopodium australianum

L. fastigiatum

L. scarosum

L. varium (incl. *L. billardierei*

and *L. novae-zelandicum*)

L. volubile

FERNS

Asplenium flaccidum

A. polyodon (unc)

A. terrestre ssp. *terrestre* (unc)

Blechnum discolor

B. fluviatile agg.

B. minus (unc)

B. procerum

B. vulcanicum (unc)

Ctenopteris heterophylla

Cyathea dealbata (unc)

Grammitis ballardierei

G. magellanica ssp. *nothofageti*

Histiopteris incisa (unc)

Hymenophyllum bivalve

H. demissum

H. flabellatum

H. malingii

H. multifidum

DICOT LIANES AND RELATED

TRAILING PLANTS

m *Clematis forsteri* ("rutifolia" forms)
(unc)

H. rarum	Festuca sp. (unnamed; aff. F. rubra)
H. rufescens (unc)	(unc)
H. villosum	Lachnagrostis sp. (i) (unnamed;
Hypolepis rufobarbata (unc)	included in L. filiformis, as var.
Lindsaea linearis (unc)	semiglabra, by Zotov 1965)
Paesia scaberula (unc)	L. sp. (ii) (unnamed)
Phymatosorus pustulatus (unc)	Microlaena avenacea (unc)
Pneumatopteris pannigera (unc)	Poa colensoi
Pteridium esculentum	P. imbecilla (unc)
Pyrosia eleagnifolia (unc)	Rytidosperma gracile
Schizaea australis (unc) (Dew Lakes)	R. setifolium (unc)

Sticherus cunninghamii

ORCHIDS

Acianthus sinclairii (unc)
 Corybas trilobus s.s.
 Fatima autumnalis
 E. mucronata s.s.
 Orthoceras novae-zeelandiae
 Thelymitra sp.

GRASSES

Agrostis sp. (unnamed; aff. A. dyeri)
 (panicle spreading, not contracted
 as in A. dyeri) (unc)
 Chionochloa cheesemani
 C. conspicua ssp. conspicua
 m C. defracta
 Cortaderia richardii (unc)
 Deyeuxia avenoides (incl. D. a.
 var. brachyantha)
 Dichelachne cuneata (unc)

SEDGES

Baumea rubiginosa (unc)
 B. tenax (unc)
 Carex breviculmis
 m C. devia
 C. dissita s.s.
 C. echinata var. (C. stellulata var.
 australis) (Dew Lakes)
 C. forsteri (unc)
 C. sinclairii (Dew Lakes)
 m C. traversii (Dew Lakes)
 Carpha alpina s.s. (Dew Lakes)
 Eleocharis acuta (unc)
 Gahnia pauciflora
 G. procera
 Isolepis aucklandica (Dew Lakes)
 I. habra
 Lepidosperma australe (unc)
 Oreobolus pectinatus
 Schoenus apogon (incl. S. a. var.
 caespitosus) (unc)
 S. pauciflorus s.s.

- Uncinia clavata (unc)
- U. fuscovaginata var. (plants glaucous)
- U. rupestris (incl. U. angustifolia)
- U. scabra (unc)
- U. silvestris (incl. U. affinis) (unc)
- U. uncinata

RUSHES AND ALLIED PLANTS

- Centrolepis ciliata (Dew Lakes)
- Empodisma minus (Dew Lakes)
- Juncus gragiflorus
- J. novae-zelandiae (Dew Lakes)
- Luzula picta s.s. (unc)

MONOCOT HERBS OTHER THAN

ORCHIDS, GRASSES, SEDGES, RUSHES

- Astelia graminea
- A. sp. (unnamed; aff. A. nervosa) (lvs broad, not conspicuously white adaxially as in A. nervosa)
- Dianella nigra
- Libertia grandiflora (small form) (unc)
- L. ixioides (unc)
- L. pulchella
- Luzuriaga parviflora
- Phormium cookianum

COMPOSITE HERBS

- Anaphalis sp. (Helichrysum bellidioides s.s.)
- Brachyglottis sp. (unnamed)

- Celmisia gracilentia ssp.
- C. hieracifolia ssp.
- C. sp. (unnamed; aff. C. gracilentia) (plants strongly rhizomatous) (Dew Lakes)

- Guaphalium avidax
- Helichrysum filicaule (unc)
- Lagenifera pumila
- L. strangulata
- Raoulia glabra (unc)

DICOT HERBS OTHER THAN COMPOSITES

- Anisotome aromatica (unc)
- Centella uniflora (unc)
- Colobanthus sp. (unnamed) (plants superficially like Sagina procumbens)
- Drosera arcturi (Dew Lakes)
- Epilobium insulare (unc) (Dew Lakes)
- E. sp. (unnamed; included in E. brunnescens, as ssp. minutiflorum, by Raven and Engelhorn, 1971)
- Euphrasia monroi (Dew Lakes)
- Forstera tenella (Dew Lakes)
- Gentiana sp. (aff. G. tenuifolia) (biennial; stems few, tall, erect) (possibly a mineral-belt race of G. tenuifolia)
- Gonocarpus sp. (cf. G. iucanus and G. montanus) (unc)
- Hatoragis erecta ssp. erecta (unc)
- Hypericum japonicum agg. (unc)
- Lobelia anceps (unc)
- Neopaxia sp. (Montia calycina) (incl. Claytonia australasica var. biflora)

- Nertera balfouriana* (Daw Lakes)
- N. depressa* (incl. *N. cunninghamii*)
- N. sp.* (unnamed; aff. *N. dichondrifolia*) (hairs present on both surface of lf, straight, not hooked as in *N. dichondrifolia*)
- Poranthera microphylla*
- Schizaelema roughii* (unc) (Maungatapu)
- Viola cunninghamii*
- V. filicaulis*
- Wahlenbergia albomarginata* var. *albomarginata* (incl. *W. pygmaea* var. *laxa*, *W. brockiei*, and *W. simpsonii*)

No. of species: 198.

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