

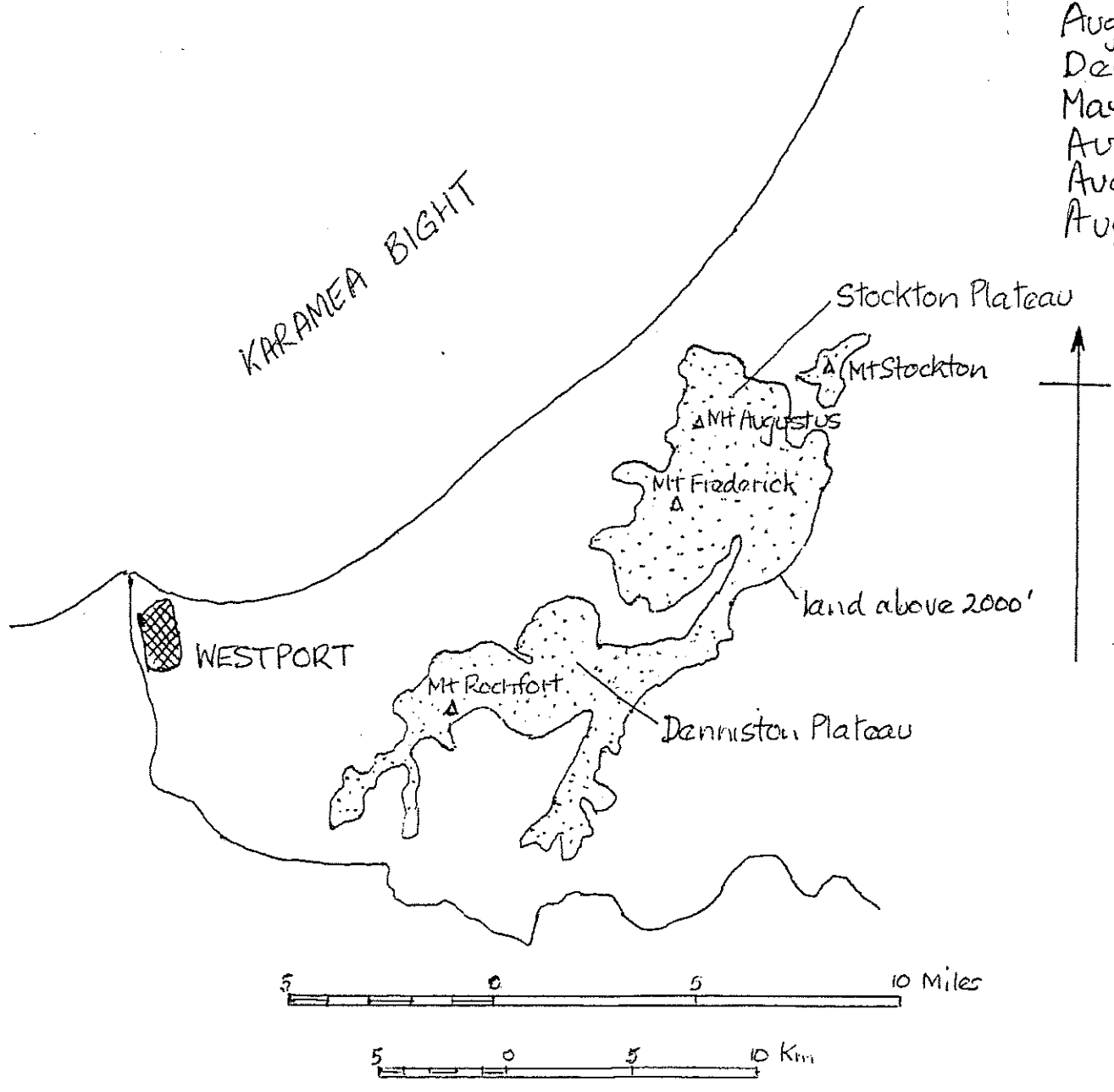
INDIGENOUS VASCULAR PLANTS OF DENNISTON AND STOCKTON PLATEAUX (INCLUDING MTS AUGUSTUS, FREDERICK, AND ROCHFORT)  
N.W. NELSON, 2000 - 3620 FT (600 - 1100 M)

A.P. Druce, Botany Division, D.S.I.R., June 1981  
(revised Jan 1982, May 1982, June 1982, Sept. 1982)

(Based on visits Jan. 1980 and Jan 1987)

- <sup>1</sup> Grid ref. S24 325820; alt. 3316'
- <sup>2</sup> Grid ref. S24 315786; alt. 3620'
- <sup>3</sup> Grid ref. S31 218698; alt. 3417'

- June 1983
- June 1984
- Nov. 1984
- May 1985
- July 1985
- June 1986
- Aug. 1986
- June 1987
- June 1988
- Aug. 1990
- Dec. 1990
- May 1991
- Aug 1991
- Aug 1992
- Aug (1993)



seen or recorded:

(D) - in Denniston Plateau - Mt Rochfort area

(S) - in Stockton Plateau - Mt Augustus - Mt Frederick area

### GYMNOSPERM TREES AND SHRUBS

*Daeydium cupressinum* (D,S)  
*Halocarpus bidwillii* (D,S)  
*H. biformis* (D,S)  
*Lepidothamnus intermedius* (D,S)  
*L. laxifolius* (D,S)  
*L. intermedius* x *L. laxifolius* (D,S)  
*Libocedrus bidwillii* (D,S)  
*Phyllocladus alpinus* agg. (D,S)  
*Podocarpus hallii* (D,S)

### MONOCOT TREES

*Cordyline australis* (S)  
*C. indivisa* (D,S)

### DICOT TREES

*Dracophyllum traversii* (incl. *D. pyramidale*) (D)  
*Elaeocarpus hookerianus* (D,S)  
*Griselinia littoralis* (D,S)  
*Metrosideros parkinsonii* (D,S)  
*M. umbellata* (D,S)  
*Nothofagus fusca* (D)  
*N. menziesii* (D,S)  
*N. solandri* var. *cliffortioides* (D,S)  
*Pseudopanax linearis* (D,S)  
*P. simplex* (incl. *P. s.* var. *sinclairii*) (D,S)  
*P. sp.* (unnamed; included in *P. colensoi*, as var. *fiordensis*, and as var. *ternatus*, by Wardle 1968) (D,S)

*Quintinia serrata* (incl. *Q. acutifolia* and *Q. elliptica*) (D,S)  
*Weinmannia racemosa* var. *racemosa* (D,S)

### DICOT SHRUBS

*Archeia traversii* (incl. *A. t.* var. *australis*) (D,S)  
*Brachyglottis rotundifolia* var. (incl. *B. buechananii* + *B. cockaynei*) (D,S)

*Cassinia vauvilliersii* (D,S)

*Coprosma cheesemanii* s.s. (D)  
*C. ciliata* ssp. *ciliata* (D)  
*C. colensoi* s.s. (D,S)  
*C. crenulata* (D,S)  
*C. foetidissima* (D,S)  
*C. pseudocuneata* ssp. (D,S)  
*C. sp.* (i) (unnamed; aff. *C. colensoi*) (low-growing shrubs with trailing branches) (D,S)  
*C. sp.* (ii) (unnamed; included in *C. parviflora* by Oliver, 1935, and others) (If undersurface not minutely hairy as is usual in *C. parviflora*; dtupes vs. unpigmented, occ. purplish red) (D)  
*C. sp.* (iii) (unnamed) (*C. parviflora* var. *dumosa* sensu Allan 1961, non *C. p.* var. *dumosa* Cheeseman) (S)

Cyathodes dealbata (incl. C. pumila) (D,S)  
C. empetrifolia (D,S)  
C. sp. (C. juniperina agg.) (lvs us. > 1 cm x > 1 mm, upto 1.5 cm x 2.5 mm) (D,S)

Dracophyllum longifolium var. (incl. D. filifolium and D. oliveri) (D,S)

D. palustre (D,S)

D. politum (incl. D. densum) (D,S)

D. pubescens var. pubescens (D,S)

D. uniflorum (D,S)

Epactis alpina (D,S)

E. pauciflora (D,S)

Exocarpos bidwillii (D,S)

Gaultheria antipoda (D,S)

G. rupestris (incl. G. subcorymbosa) (D,S)

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

G. macrostigma x G. sp. (unnamed) (D)

Hebe canterburiensis (D,S)

H. salicifolia var. salicifolia (D)

H. sp. (Leonohebe mooreae) (D,S)

Meliccytus sp. (unnamed) (S)

Myrsine divaricata s.s. (D,S)

Neomyrtus pedunculata (D)

Olearia arborescens (D)

O. colensoi var. colensoi (D,S)

O. ilicifolia (D)

O. arborescens x O. ilicifolia (D)

Pentachondra pumila (D,S)

Pimelea gnidia var. (D,S)

P. longifolia var. (D,S)

Pittosporum rigidum var. (P. crassicaule) (D,S)

Pseudowintera traversii (D,S)

Solanum laciniatum (S)

#### DICOT LIANES

Metrosideros fulgens (D)

#### PSILOPSIDS AND LYCOPODS

Tmesipteris tannensis (D)

Lycopodium australicum (D,S)

L. cernuum (D)

L. fastigiatum (D,S)

L. laterale (incl. L. tamulosum?) (D,S)

L. scariosum (D,S)

L. varium (incl. L. billardierei

and L. novae-zelandicum) (D,S)

#### FERNS

Asplenium flaccidum (D,S)

Blechnum discolor (D,S)

B. fluviatile agg. (D,S)

B. minus (D,S)

B. penna-marina (D)

B. procerum (D,S)

Leptospermum scoparium (D,S)

Leucopogon fasciculatus var. (D,S)

*B. vulcanicum* (D)  
*B. sp.* (unnamed) (common low-land sp.; lower pinnae reduced in length) (D, S)

*B. procerum* x *B. sp.* (unnamed) (D)

*Dicksonia squarrosa* (D, S)

*Gleichenia dicarpa* (D, S)

*Grammitis billardierei* (D, S)

*G. poeppigiana* (S)

*Histiopteris incisa* (D, S)

*Hymenophyllum armstrongii* (D)

*H. flabellatum* (D, S)

*H. lyallii* (D)

*H. malingii* (D)

*H. multifidum* (D, S)

*H. rarum* (D, S)

*H. rufescens* (D)

*H. villosum* (D, S)

*Hypolepis rufobarbata* (D, S)

*Leptopteris hymenophylloides* (D, S)

*L. superba* (D, S)

*Paesia scaberula* (D, S)

*Polystichum vestitum* (D, S)

*Schizaea australis* (D, S)

*Sticherus cunninghamii* (D)

*S. flabellatus* (Given 1982) (S)

*Trichomanes strictum* (D, S)

#### ORCHIDS

*Acianthus viridis* (Townson 1907, as *Townsonia deflexa*) (D, S)

*Aporostylis bifolia* (D, S)

*Caladenia carneae* agg. (Townson 1907, as *C. minor*)

*Calochilus paludosus* (Townson 1907) (D)

*Chiloglottis cornuta* (D)

*Gastrodia cunninghamii* (Townson 1907) (D)

*Hyperanthus antarcticus* (D, S)

*Microtis unifolia* (Townson 1907, as *M. porrifolia*) (D)

*Orthoceras novae-zeelandiae* (S)

*Prasophyllum colensoi* (D, S)

*Pterostylis banksii* (Townson 1907) (D)

*P. itsoniana* (D)

*P. venosa* (D, S)

*Thelymitra cyanea* (D, S)

*T. pulchella* (D, S)

#### GRASSES

*Agrostis dyeri* agg. (D)

*A. personata* (D, S)

*Chionochloa australis* (D, S)

*C. juncea* (D, S)

*C. rubra* ssp. *occulta* (D, S)

*C. sp.* (unnamed) (*C. flavescens* auct. S. I., non *C. flavescens* Zotov) (D, S)

*C. rubra* x *C. sp.* (unnamed) (D, S)

*Cortaderia richardii* (D, S)

*Deyeuxia aucklandica* (D, S)

*Davenoides* (incl. *D. a.* var. *brachyantha*) (D, S)

*Hierochloa novae-zeelandiae* (D, S)

*Microlaena avenacea* (D, S)

*M. colensoi* ss.

*M. thomsonii* (D, S)

*Poa colensoi* (S)

*Rytidosperma gracile* (D, S)

*R. nigricans* (D, S)

*R. setifolium* (D, S)

## SEDGES

- Baumea rubiginosa* (S)  
*B. tarretifolia* (D)  
*Carex aciculatis* (S)  
*C. cockayneana* (Townson 1907) (D)  
*C. coriacea* (D)  
*C. dallii* (Petrie 1914, as *C. gibbsii*) (D)  
*C. libera* (S)  
*Carpha alpina* s.s. (S)  
*C. sp.* (unnamed) (plants "taller and more slender" than in *C. alpina*, with "narrower lvs"; see Edgar 1970, p. 200) (D, S)  
*Gahnia procera* (D, S)  
*G. rigida* (D, S)  
*Isolepis aucklandica* (D, S)  
*I. subtilissima* (D)  
*Lepidosperma australe* (D, S)  
*Oreobolus impar* (Townson 1907, Cheeseman 1925, and Mason and Moar, 1955, as *O. pumilio*) (D, S)  
*O. pectinatus* (D, S)  
*O. strictus* (D, S)  
*Schoenus pauciflorus* s.s. ("slender form" of Edgar 1970, p. 194) (D, S)  
*Tetraria capillaris* (S)  
*Uncinia filiformis* (D, S)  
*U. involuta* (S)  
*U. nervosa* s.s. (S)  
*U. rupestris* (incl. *U. angustifolia*) (D)

## RUSHES AND ALLIED PLANTS

- Centrolepis ciliata* (D)  
*Empodisma minus* (D, S)  
*Gaimardia setacea* (D, S)  
*Juncus antarcticus* (D, S)  
*J. planifolius* (D, S)  
*J. pusillus* (S)  
*Luzula colensoi* (S)  
*L. sp.* (unnamed; included in *L. picta*, as var. *limosa*, by Edgar 1966) (D)

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

- Astelia linearis* var. *linearis* (D, S)  
*A. subulata* (D, S)  
*A. sp.* (unnamed; aff. *A. nervosa*) (lvs broad; not conspicuously white adaxially as in *A. nervosa*) (D, S)  
*Bulbinella modesta* (S)  
*Dianella nigra* (D, S)  
*Herpolition novae-zelandiae* (D, S)  
*Libertia pulchella* (D)  
*Luzuriaga parviflora* (D, S)  
*Phormium cookianum* (D, S)

## COMPOSITE HERBS

- Anaphalis sp.* (*Helichthysum bellidioides* s.s.) (D)  
*Abrotanella linearis* s.s. (D, S)  
*Brachyglottis sp.* (unnamed) (D, S)

*Celmisia alpina* s.s. (S)  
*C. dallii* (Townson 1907, Cheeseman 1925) (D, S)  
*C. incana* (incl. *C. discolor*) (S)  
*C. lateralis* (incl. *C. l. var. villosa*) (D, S)  
*C. montoi* ssp. (*C. dubia*) (D, S)

*C. parva* (D)  
*C. similis* (D, S)  
*C. sp. (i)* (unnamed; aff. *C. gracilentata*) (plants tufted; lvs linear to linear-lanceolate; upper surface and margins thinly covered in tomentum; lower surface glabrous, except for midrib) (D)  
*C. sp. (ii)* (unnamed; aff. *C. gracilentata*) (plants strongly rhizomatous) (D, S)  
*C. montoi* x *C. similis* (D)  
*Craspedia* sp. (unnamed) (S)

*Gnaphalium audax* (D)  
*Leptinella* sp. (D)  
*Raoulia eximia* (Petrie 1914) (S)  
*R. glabra* (D)  
*R. grandiflora* var. *grandiflora* (D, S)  
*R. tenuicaulis* (incl. *R. t. var. dimorpha* and *R. t. var. pusilla*) (D)

DICOT HERBS OTHER THAN COMPOSITES

*Actinotis novae-zelandiae* (D, S)  
*Anisotome aromatica* (D, S)  
*A. haastii* (Townson 1907, as *Ligusticum haastii*) (D)  
*Centella uniflora* (D)  
*Donatia novae-zelandiae* (D, S)  
*Drosera areturi* (D, S)  
*D. binata* (D)  
*D. spathulata* (D, S)  
*D. stenopetala* (D, S)  
*Epilobium brunnescens* s.s. (D)  
*E. glabellum* s.s. (D)  
*E. linnaeoides* (Townson 1907) (D)  
*E. pernitens* (D, S)  
*Euphrasia townsonii* s.s. (D, S)  
*E. weltsteiniana* (D)  
*Forstera mackayi* (D, S)  
*Gentiana gracillifolia* (incl. *G. vernicosa*) (S)  
*G. montana* (incl. *G. m. var. stolonifera*, *G. bellidifolia* var. *pulchella*, and *G. patula*) (Allan 1961, as *G. montana* var. *stolonifera* - type loc. Mt Frederick) (D, S)  
*G. spenceri* (Townson 1907, Cheeseman 1925) (D, S)  
*G. townsonii* s.s. (D, S)  
*G. sp. (i)* (aff. *G. bellidifolia*) (S)  
*G. sp. (ii)* (unnamed; aff. *G. montana*) (plants perennial, forming small to large clumps; stems tall, robust, often decumbent at base; basal lvs densely rosulate, in adult plants usually

(cont. on p. 7)

placed some distance up the stem, i.e. well above ground level; blade usually apiculate; petiole broad, shorter than the blade; cauline lf pairs (2)-4-10; infl umbelliform) (D,S)

*Gonocarpus micranthus* ssp.  
*micranthus* (D)

*Hydrocotyle microphylla* (D)

*Hypsela rivalis* (D)

*Jovellana repens* (Townson 1907,  
as *Calceolaria repens*; Cheese-  
man 1925) (D)

*Kellera dieffenbachii* (D,S)

*K. laxa* (D)

*Liparophyllum gunnii* (D,S)

*Mitrasacme montana* var.  
*helmsii* (D,S)

*M. novae-zelandiae* (D,S)

*Netteta ciliata* (D)

*N. depressa* (incl. *N. eunning-  
hamii*) (D)

*Oreostylidium subulatum* (S)

*Ourtisia lactea* ssp. *lactea*  
(Townson 1907, as *O. macro-  
phylla*) (D)

*O. macrocarpa* ssp. *calycina* (D)

*Phyllachne clavigera* (D,S)

*Plantago triandra* ss.  
(D)

*Pratia angulata* agg. (D)

*Utricularia novae-zelandiae*  
(D,S)

No of species: 197.

DOUBTFUL AND ERRONEOUS RECORDS

| <u>Record</u>  | <u>Probable identity of plant</u>   |
|--|---|
| <i>Agrostis parviflora</i> (Townson 1907, Cheeseman 1925)  | <i>Agrostis</i> sp. (unnamed)   |
| <i>Anisotome flexuosa</i> (Dawson 1961)  |   |
| <i>Astelia nervosa</i> (Mason and Moat, 1955, as <i>A. cochaynei</i> )                                     | <i>Astelia</i> sp. (unnamed)  |
| <i>Bradyglettis bellidioides</i> (Townson 1907, and Mason and Moat, 1955, as <i>Senecio bellidioides</i> ) | <i>Bradyglettis</i> sp. (unnamed)   |
| <i>Calmisia graminifolia</i> (Mason and Moat 1955)   | <i>Calmisia</i> sp. (i) or <i>C.</i> sp. (ii)                               |
| <i>C. laticefolia</i> (Townson 1907, and Mason and Moat, 1955)   | <i>C. similis</i>   |
| <i>C. sessiliflora</i> (Mason & Moat, 1955)  | <i>C. similis</i>   |
| <i>Chionochloa rigida</i> (Townson 1907, as <i>Danthonia raoulii</i> )                                     | <i>Chionochloa juncea</i> ? or <i>C. tubra</i>                              |
| <i>C. teretifolia</i> (Mason & Moat, 1955, as <i>Danthonia rigida</i> var. <i>teretifolia</i> )            | <i>Chionochloa juncea</i>   |
| <i>Coprosma</i> aff. <i>C. crenulata</i> (Mason and Moat, 1955, as <i>C. aff. retusa</i> )                 | <i>Coprosma</i> sp. (i) (unnamed)   |
| <i>Dracophyllum prunum</i> (Oliver 1929)   | <i>Dracophyllum politum</i> [recorded by Oliver 1952, as <i>D. densum</i> ] |
| <i>D. lessonianum</i> (Cochayne 1928, p. 281)  | <i>D. longifolium</i>   |
| <i>D. tosmatini folium</i> (Townson 1907)  | <i>D. politum</i>   |
| <i>D. strictum</i> (Oliver, 1929 and 1952)   |   |
| <i>D. latifolium</i> (Cochayne 1928, pp. 181, 262)   | <i>D. traversii</i>   |
| <i>Epilobium pedunculata</i> (Mason and Moat, 1955)  | <i>Epilobium brunnescens</i>  |
| <i>Euphrasia revoluta</i> (Townson 1907)   | <i>Euphrasia townsonii</i>  |
| <i>Forstera sedifolia</i> (Townson 1907)   | <i>Forstera mackayi</i>   |
| <i>Hebe odora</i> (Townson 1907, as <i>Veronica buxifolia</i> )  | <i>Hebe</i> sp. ( <i>Leonohebe mooteae</i> )                                |
| <i>Pimelea traversii</i> (Cheeseman 1925)  | <i>Pimelea gnidia</i>   |
| <i>Pseudopanax colensei</i> (Moat and Mason, 1955, as <i>Nothopanax colensei</i> )                         | <i>Pseudopanax</i> sp. (unnamed)  |



Racolla mamillaris (Townson 1907) | Racolla eximia (see Petrie 1914)  
 Tetrachondra sp. (Meat and Mason, 1955) | Mitrasacme montana var.  
 helmsii

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