

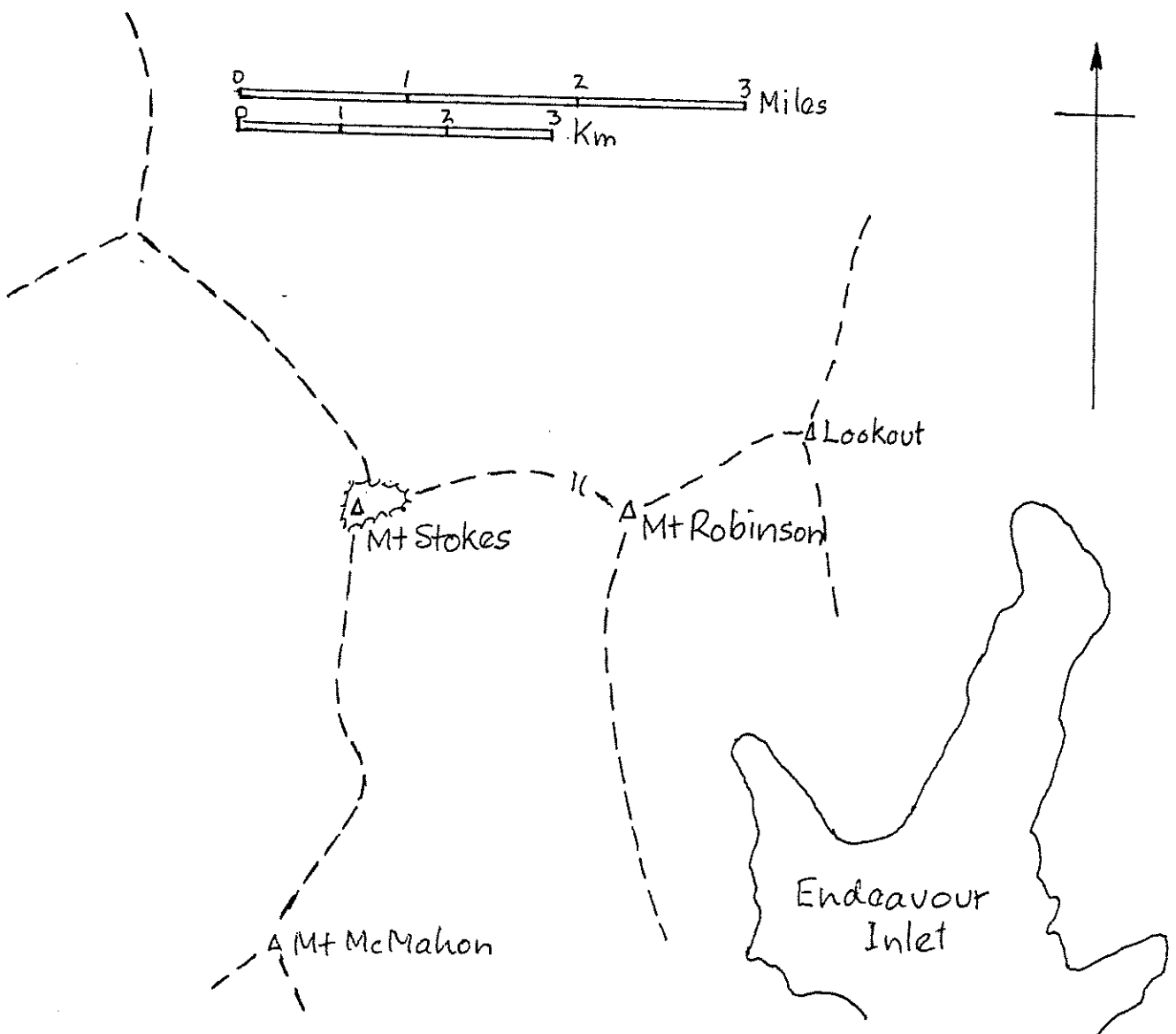
INDIGENOUS HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF MT STOKES, MARLBOROUGH SOUNDS, 750-1200 M / 2500-3950 FT

Biosite C.R. → † Grid ref. S16 391498; alt. 1205 m / 3951 ft

A.P. Druce, Botany Division, D.S.I.R., June 1974
(revised April 1975, July 1975, May 1976, June 1976, May 1977,
June 1979, June 1980, Nov. 1980, July 1982, Aug. 1984,
Oct. 1986, May 1987, Oct. 1988, Aug. 1990, July 1991, July 1992)

(Based on visits 1956, 1966*, 1967*, 1972)
(* visits by G.N. Park)

(Originally published in Bull. Wellington Bot. Soc. 35: 42-53, 1968)



* - voucher specimen in CHR (Bot. Div. Herbarium, Lincoln)
Plants seen by A.P.D. or G.N. Park unless otherwise indicated,
e.g. (Cockayne 1928)

GYMNOSPERM TREES AND SHRUBS

- Lepidothamnus laxifolius*
- Phyllocladus alpinus* (Cockayne 1928, Hay 1950)
- * *Podocarpus hallii*
- * *C. foetidissima*
- * *C. perpusilla* ssp. *perpusilla*
- * *C. pseudocuneata* ssp. *pseudocuneata*
- * *C. rhamnoides* (incl. *C. polymorpha*)

MONOCOT TREES

- Cordyline indivisa* (Martin 1932)
- * *C. sp. (i)* (unnamed) (*C. parviflora* var. *dumosa* sensu Allan 1961, non *C. p. var. dumosa* Cheeseman)

DICOT TREES

- Fuchsia excorticata*
- * *Griselinia littoralis*
- * *Metrosideros umbellata*
- Myrsine salicina*
- * *Nothofagus fusca*
- * *N. menziesii*
- Olearia rani* var. *colorata*
- * *Pseudopanax colensoi* s.s.
- P. simplex* (incl. *P. s. var. sinclairii*)
- Waimannia racemosa* var. *racemosa*
- * *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; aff. *C. colensoi*) (low-growing shrubs with trailing branches)
- * *Cyathodes dealbata* (incl. *C. pumila*)
- * *C. empetrifolia*
- * *Dracophyllum longifolium* var. (incl. *D. filifolium* and *D. oliveri*)

DICOT SHRUBS

- * *Alseuosmia pusilla*
- * *Aristotelia fruticosa* var.
- * *Brachyglottis rotundifolia* var. (*B. elaeagnifolia*)
- * *Cassinia vauvilliersii*
- * *Coprosma ciliata* ssp. *ciliata*
- C. colensoi* s.s.
- * *D. uniflorum*
- Gaultheria depressa* s.s.
- G. sp.* (unnamed; included in *G. depressa*, as var. *novae-zelandiae*, by Franklin 1962)
- * *Myrsine divaricata* s.s.
- M. nummulata*
- M. hybrid* (Cheeseman 1925, as *M. montana*)

- Neomyrtus pedunculata*
 * *Olearia colensoi* var. *colensoi*
 * *Pentstemon pumila*
Peraxilla colensoi (Hay 1950, as
Elytranthe colensoi)
 * *Pimelea longifolia* var.
 * *Pittosporum rigidum* var. *rigidum*

 * *Pseudopanax anomalus*
Pseudowintera axillaris
 * *P. colorata*

DICOT LIANES

- Metrosideros diffusa*
Muehlenbeckia australis
 * *Rubus cissoides* var. (leaflets
 broader than in var. *cissoides*)

LYCOPODS

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

FERNS

- * *Asplenium flaccidum*
Blechnum colensoi (Healy 1943)
 * *B. discolor*
 * *B. fluviatile* ass.
 * *B. penna-marina*
 * *B. procerum*
Ctenopteris heterophylla
 * *Cyathea colensoi*
 * *C. smithii*

- Grammitis billardierei*
 * *G. magellanica* ssp. *nothofagei*
 * *G. poeppigiana*
 * *Histiopteris incisa*
 * *Hymenophyllum armstrongii*
 * *H. demissum*
H. flabellatum
 * *H. multifidum*
 * *H. rarum*
H. revolutum
 * *H. sanguinolentum* ass.
 * *H. villosum*
 * *Hypolepis millefolium*
 * *H. tufo barbata*
Leptopteris hymenophylloides
 * *L. superba*
 * *Paesia scaberula*
Phymatosorus pustulatus
 * *Polystichum vestitum*
Trichomanes strictum (Healy
 1943)

ORCHIDS

- Aporostylis bifolia*
Chiloglottis cornuta
Corybas oblongus (Martin 1932)
C. trilobus s.s.
Lyperanthus antarcticus
Prasophyllum colensoi
Pterostylis itsoniana
P. venosa
Thelymitra sp. or spp.

GRASSES

- * *Agrostis personata*
- * *A. sp.* (unnamed; aff. *A. dyei*)
- Chionochloa cheesemani*
- * *C. flavescens* s.s.
- * *C. pallens* ssp. *pallens*
- * *C. p. x C. flavescens*
- * *Deyeuxia aucklandica*
- Hierochloa novae-zelandiae*
- * *H. recurvata*
- * *Microlaena avenacea*
- * *Poa breviglumis*
- * *P. colensoi*
- * *P. breviglumis x P. colensoi*
- * *Rytidosperma gracile*
- * *R. nigricans*

SEDGES

- * *Carex acicularis*
- * *C. cockayneana*
- * *C. forsteri*
- * *Carpha alpina* s.s.
- * *Isolopis habra*
- * *Oreobolus pectinatus*
- O. strictus*
- * *Uncinia astonii*
- * *U. caespitosa*
- * *U. filiformis*
- U. gracilentata*
- U. involuta*
- U. longifructus*
- * *U. rupestris* (incl. *U. angustifolia*)
- * *U. silvestris* (incl. *U. affinis*)
- * *U. viridis*
- U. sp.* (unnamed; aff. *U. nervosa*)
(more slender than *U. nervosa*;
see Edgar 1970, p. 231)

RUSHES

- Juncus antarcticus*
- * *J. novae-zelandiae*
- * *Luzula migrata*
- * *L. picta* s.s.
- * *L. sp.* (unnamed; included in
L. picta, as var. *limosa*, by Edgar
1966)

MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES, RUSHES

- Astelia fragrans*
- A. solandri*
- * *A. sp. (i)* (unnamed; aff. *A. nervosa*)
(lvs narrower than in *A. nervosa*)
- A. sp. (ii)* (unnamed; aff. *A. nervosa*)
(lvs not conspicuously white adaxially)
- * *Bulbinella hookeri*
- Herpotion novae-zelandiae*
- * *Luzuriaga parviflora*
- * *Phormium cookianum*

COMPOSITE HERBS

- * *Anaphalis sp.* (*Helichrysum ballioides* s.s.)
- * *Brachyglottis sp.*
- * *Celmisia hieracifolia* ssp.
- C. macmahonii* ssp. *macmahonii*
- C. rutlandii*
- C. sp.* (unnamed; aff. *C. gracilentata*)
(plants tufted)
- Gnaphalium mackayi* s.s.
- G. sphaerium*
- * *Helichrysum filicaule*
- Lagenifera pumila*
- L. strangulata*
- Raoulia glabra*
- R. grandiflora* var. *grandiflora*

DICOT HERBS OTHER THAN COMPOSITES

- * *Acaena ansethinifolia*
- * *Aciphylla aurea*
- * *Anisotome aromatica*
- * *A. deltoidea*
- * *A. haastii* var.
- Cardamine* sp. (*C. debilis* agg.)
- Donatia novae-zelandiae*
- Epilobium brunnescens* ss.
- E. cinereum*
- * *E. cockayneanum*
- * *E. linnacoides*
- * *E. pernitens*
- E. sp.* (unnamed; included in *E. brunnescens*, as ssp. *minutiflorum*, by Raven and Engelhorn, 1971)
- * *Euphrasia laingii*
- * *Forstera* sp. (unnamed; aff. *F. sedifolia*)
- * *Gentiana montana* (incl. *G. m.* var. *stolonifera*, *G. patula*, and *G. bellidifolia* var. *pulchella*)
- Kelleria dieffenbachii*
- * *K. laxa*
- * *Nertera depressa* (incl. *N. cunninghamii*)
- * *N. sp.* (unnamed; aff. *N. dichondrifolia*) (hairs present on both surfaces of lf, not hooked as in *N. dichondrifolia*)
- * *Oxalis magellanica*
- * *Phyllachne colensoi* var.
- * *Plantago cf. novae-zelandiae*
- Ranunculus reflexus*
- * *R. verticillatus*
- Rottippa divaricata* (Cheeseman 1925, as *Nasturtium stylosum*)
- * *Schizelama roughii*
- * *Stellaria decipiens* (incl. *S. parviflora*)
- * *Viola filicaulis*

No. of species: 174.

Doubtful and erroneous records

<u>Record</u>	<u>Probable identity of plants on which record based</u>
<i>Aciphylla colensoi</i> (Martin 1932, Hay 1950)	<i>Aciphylla aurea</i>
<i>Alseuosmia quercifolia</i> (Cheeseman 1925)	<i>Alseuosmia pusilla</i>
<i>Anisotome pilifera</i> (Dawson 1961, p. 32, in error)	
<i>Celmisia graminifolia</i> (Hay 1950)	<i>Celmisia</i> sp. (unnamed)
<i>Chionochloa macra</i> (Zotov 1970)	<i>Chionochloa flavescens</i> X <i>C. pallens</i>
<i>C. rigida</i> (Hay 1950, as <i>Danthonia rigida</i>)	<i>C. pallens</i>
<i>C. rubra</i> (Martin 1932, as "red snowgrass", <i>Danthonia raoulii</i> var.)	<i>C. pallens</i>
<i>Coprosma depressa</i> (?) (Druce in Park 1968)	
<i>C. linariifolia</i> (Druce in Park 1968)	
<i>C. parviflora</i> (Martin 1932, Oliver 1935, Hay 1950)	<i>Coprosma</i> sp. (i) and/or <i>C. sp.</i> (ii)
<i>Dracophyllum rosmarinifolium</i> ? (Hay 1950)	<i>Dracophyllum uniflorum</i>
<i>Epilobium pedunculare</i> (Hay 1950)	<i>Epilobium linnaeoides</i>
<i>Euphrasia montoi</i> (Martin 1932, Hay 1950, Druce in Park 1968)	<i>Euphrasia laingii</i>
<i>Hymenanthera</i> sp. (Hay 1950)	<i>Pittosporum rigidum</i>
<i>Hypolepis tenuifolia</i> (Martin 1932, as "deciduous summer-green fern")	<i>Hypolepis millefolium</i>
<i>Lagenifera petiolata</i> (Martin 1932, Druce in Park 1968)	<i>Lagenifera strangulata</i>
<i>Nertera dichondrifolia</i> (Martin 1932, Hay 1950)	<i>Nertera</i> sp. (unnamed)

Pimelea gruidia (Cheeseman 1925) *Pimelea longifolia* var.
Pittosporum divaricatum (Martin 1932) *Pittosporum rigidum*
Ranunculus nivicola (Cheeseman 1914, Martin 1932) *Ranunculus verticillatus*

Nomen nudum: "Leptopteris
intermedia" (Martin 1932) *Leptopteris superba*

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