

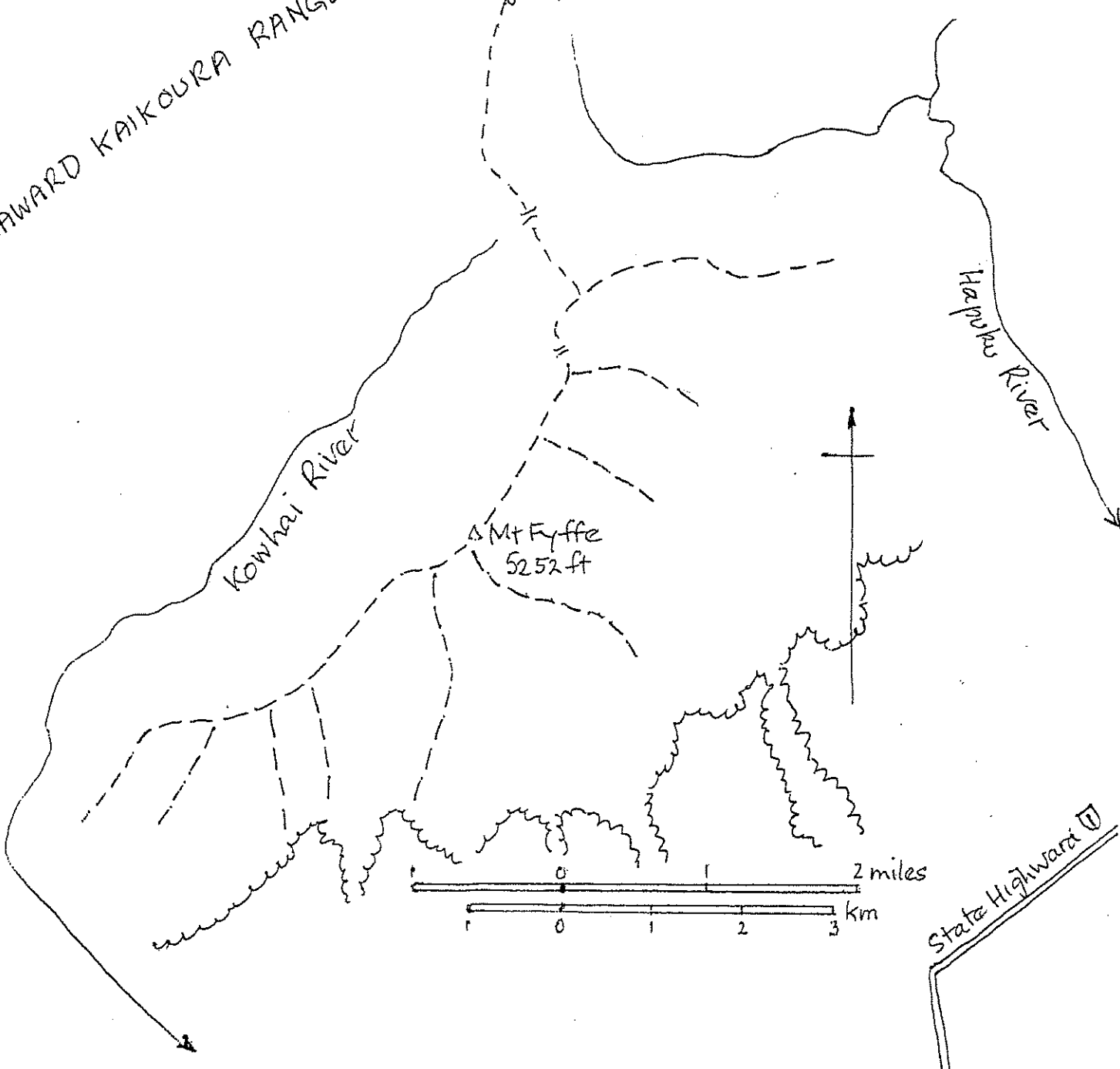
INDIGENOUS HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF MT FYFFE[†], SEAWARD KAIKOURA RANGE, SOUTHERN MARLBOROUGH. 30-1600 M (100-5252 FT)

†Gnd ref. SA9 904027

A.P. Druce, Wellington June 1988
(revised Oct. 1988, Dec. 1990, July 1991, July 1992,
(Based on visits April 1988 and Aug. 1988) April 1993)

Rocks: graywacke (+ few basic igneous dykes)
and graywacke alluvium

SEAWARD KAIKOURA RANGE



(unc) - uncommon or local

GYMNOSPERM TREES AND SHRUBS

Dacrydium cupressinum (unc)
Libocedrus bidwillii (unc)
Phyllocladus alpinus s.s.
Podocarpus hallii
P. nivalis
P. totara s.s.
Prumnopitys ferruginea (unc)
P. taxifolia

MONOCOT TREES AND SHRUBS

Cordyline australis
C. banksii (unc)

DICOT TREES

Alectryon excelsus var. *excelsus*
Aristotelia serrata
Carpodetus serratus
Dodonaea viscosa var.
Elaeocarpus dentatus (incl.
E. d. var. *obovatus*)
E. hookerianus (unc)
Fuchsia excorticata
Griselinia littoralis
Hedycarya arborea
Hoheria lyallii var. *lyallii*
Lophomyrtus obcordata
Macropiper excelsum var. *excelsum*
Melicope ternata (unc)
Melicope lanceolata (incl. *M. l.*
var. *latior*) (unc)
M. ramiflorus ssp. *ramiflorus*
Myoporum laetum var. *laetum*

Myrsine australis
Nestegis cunninghamii (unc)

Nothofagus fusca

Olearia paniculata
Pennantia corymbosa
Pittosporum eugenioides
P. tenuifolium ssp. *tenuifolium*
Pseudopanax arboreus
P. colensoi s.s.
P. crassifolius
P. edgerleyi (Martin 1932)
P. sp. (unnamed; included in *P. col-*
ensoi, as var. *fiordensis*, and as
var. *ternatus*, by Wardle 1968)
Schefflera digitata
Sophora microphylla

DICOT SHRUBS

Aristotelia fruticosa var.
A. f. XA. serrata (Cockayne 1906, as
A. colensoi)
Brachyglottis montoi var. *montoi*
(incl. *B. m.* var. *elongata*)
Carmichaelia sp. (subgenus
Carmichaelia)
C. montoi
Cassinia leptophylla var. *leptophylla*
C. vauvilliersii
C. sp. (unnamed)

Coprosma acetosa ssp. (unc)
C. areolata
C. ciliata ssp.
C. crassifolia

C. grandifolia
C. linariifolia
C. lucida s.s.
C. microcarpa
C. perpusilla ssp. *perpusilla*
C. propinqua ssp. *propinqua*

C. thamnoides (incl. *C. polymorpha*)

C. rigida
C. robusta
C. rotundifolia
C. sp. (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)
C. angustissima
C. arborescens
C. sarmentosa
C. angustissima X *C. sarmentosa*
Corokia cotoneaster var. *cotoneaster*
Cyathodes sp. (*C. juniperina* agg.)
 (lvs small, usually <1cm X <1mm)
Discaria toumatou
Dracophyllum aceroseum
D. uniflorum
D. aceroseum X *D. uniflorum*

Gaulltheria antipoda
G. crassa

G. sp. (unnamed; included in *G. depressa*, as var. *novae-zelandiae*, by Franklin 1962)
G. crassa X *G. sp.* (unnamed)
Hebe anomala
H. epactidea var.
H. hulkeana
H. lycopodioides (unc)
H. kakaensis
H. hypnicola
H. stricta var. *atkinsonii*
H. traversii
H. venustula (incl. *H. brachysiphon*)

H. sp. (unnamed; included in *H. raoulii*, as var. *pentasepala*, by Moore 1961)
Helichrysum aggregatum var. *aggregatum*
H. parvifolium
Kunzea ericoides agg.

Leptospermum scoparium
Leucopogon fasciculatus var.
L. fraseri s.s.
L. suaveolens (incl. *Cyathodes colous*)
Melicope simplex
Melicope alpinus s.s.
Myrsine divaricata
M. nummularia
Neomyrtus pedunculata
Notospartium carmichaeliae (incl. *N. glabrescens*) (Martini 1932)
Olearia arborescens (Martini 1932)
O. coriacea
O. cymbifolia

O. ilicifolia (Martín 1932)

O. odorata (unc)

Pachystegia insignis s.l.

Pentachondra pumila

Pimelea pseudolyallii

P. traversii

Pseudowintera colorata

Traversia baccharoides

Tupeia antarctica (unc)

Urtica fetox

MONOCOT LIANES

Ripogonum scandens

DICOT LIANES AND RELATED

TRAILING PLANTS

Calystegia tuguriorum

Clematis forsteri

C. paniculata

Metrosideros colensoi (incl. *M. c.*

M. diffusa

M. perforata

Muehlenbeckia australis

M. axillaris

M. complexa

Parsonsia capsularis var.

P. heterophylla

P. capsularis X *P. heterophylla*

Rubus cissoides var. (leaflets broader than in var. *cissoides*)

R. schmidlioides var. *subpauperatus*

R. squarrosus (unc)

L. varium (incl. *L. billardierei* and

L. novae-zealandicum)

L. volubile

Tmesipteris elongata (incl. *T. e.* ssp. *robusta*) (unc)

FERNS

Adiantum cunninghamii

Asplenium colensoi

A. flabellifolium agg.

A. flaccidum

A. gracillimum

A. terrestre ssp. *terrestre*

A. sp. (unnamed; aff. *A. trichomanes*)

Blechnum chambersii

B. discolor

B. fluviatile agg.

B. penna-marina

B. procerum

B. vulcanicum

B. sp. (i) (unnamed) (common lowland sp. lower pinnae reduced in length)

B. sp. (ii) (unnamed) (mountain sp.; lower pinnae not reduced)

Botrychium bifurcatum (unc) | *c. medullaris*

Cyathea dealbata | *c. smithii*

Ctenopteris heterophylla

Dicksonia squarrosa

Grammitis poeppigiana

Histiopteris incisa

Hymenophyllum demissum

H. multifidum

H. sanguinolentum agg.

H. villosum

Hypolepis ambigua

H. millefolium

H. tufobarbata

Leptopteris hymenophylloides

Paesia scaberula

Pellaea rotundifolia

Phymatosotus pustulatus

Polystichum cystostegia (unc)

P. richardii

LYCOPODS AND PSILOPSIDS

Lycopodium australianum

L. fastigiatum

L. scariosum

ORCHIDS

P. vestitum
Pteridium esculentum
Pyrosia elagnifolia
Rumohra adiantiformis
Trichomanes venosum

Elatna mucronata s.s.
Microtis unifolia
Thelymitra longifolia

R. setifolium

R. unatade

GRASSES

Agrostis sp. (unnamed; aff. *A. dyeri*)
 (panicle spreading, not contracted
 as in *A. dyeri*)

Chionochoa pallens ssp. *pilosa*

C. sp. (unnamed) (*C. flavescens*
 auct. South Island, non *C. flav-*
escens Zotov)

Cortaderia sp.

Deyeuxia avenoides (incl. *D. a.*
var. brachyantha)

Dichelachne chinata

Elymus sp. (unnamed; aff. *E.*
rectisetus)

Festuca sp. (*F. matthewsii* sensu
 Connor 1968)

Hierochloa recurvata

Koeleria sp. (*K. novozelandica* agg.)
 (lvs up to 3mm wide, flat)

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

Microaena avenacea

M. stipoides

Poa buchananii

P. cita ssp.

P. colensoi

P. imbecilla

P. intrusa

Rytidosperma gracile

SEDGES

Carex breviculmis

C. forsteri

C. goyenii (unc)

C. lessoniana (unc)

C. raoulii (unc)

C. secta s.s.

C. wakatipu agg.

Uncinia caespitosa

U. clavata

U. divaricata

U. fuscovaginata var. *fuscovaginata*

U. laxiflora

U. leptostachya

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

U. scabra

U. uncinata

RUSHES

Luzula migrata

L. picta s.s.

L. rufa s.s.

L. subclavata

MONOCOT HERBS OTHER THAN

ORCHIDS GRASSES, SEDGES, RUSHES

Astelia fragrans

A. nervosa s.s. (unc)

Dianella nigra

Libertia ixioides

Phormium cookianum

P. tenax

COMPOSITE HERBS

- Anaphalis sp. (Helichrysum bellidioides ss.)
- Brachyglottis lagopus var. lagopus
- Brachyscome sinclairii ss.
- Celmisia cockayneana
- C. sinclairii (incl. C. allanii + C. duriozii)
- C. incana (incl. C. discolor) (unc)
- C. monroi ssp. monroi
- C. sessiliflora
- C. spectabilis ssp. spectabilis
- Gnaphalium audax
- G. gymnocephalum
- G. sphaeticum
- Haastia pulvinatis ss.
- H. recurva var. wallii
- Helichrysum filicaule
- Lagenifera pumila
- Leptinella pusilla
- L. pyrethri folia agg.
- L. sp. (L. atrata or L. doudyi)
- Leucogones grandiceps
- Microseris scapigera var.
- Pseudognaphalium sp. or spp (unnamed; aff. P. luteoalbum)
- Raoulia australis agg.
- R. bryoides
- R. glabra
- R. grandiflora var. grandiflora
- R. subsericea
- R. tenuicaulis (incl. R. t. var. dimorpha and R. t. var. pusilla)

- Senecio minimus
- S. quadridentatus
- Taraxacum magellanicum
- Vittadinia australis agg.

DICOT HERBS OTHER THAN COMPOSITES

- Acaena auserinifolia
- A. caesiiglauca
- A. fissistipula
- A. glabra
- A. juvenca
- A. profundeincisa
- Aciphylla aurea
- A. colensoi var. maxima
- A. monroi
- A. sp. (unnamed; aff. A. glaucescens)
- Anisotome aromatica
- A. filifolia
- Cardamine sp. (i) (C. debilis ass.)[†]
- C. sp. (ii)
- Dichondra repens agg.
- D. sp.
- Colobanthus acicularis
- C. strictus
- Epilobium atriplicifolium
- E. breupes
- E. brunneocens ss.
- E. chlorifolium
- E. glabellum s.s.
- E. melanocaulon
- E. microphyllum
- E. nummulatifolium

[†]("Narrow Petal" of Pritchard 1957)

E. pubens
E. pycnostachyum
E. tasmanicum
E. sp. (unnamed; included in *E. bruanescens*, as ssp. *minutiflorum*, by Raven and Engelman, 1971)

Euphrasia laingii
Forstera tenella
Galium propinquum
G. trilobum

Gentiana corymbifera ss.
G. tenuifolia

Geranium sp. (unnamed; aff. *G. microphyllum*)
G. sessiliflorum var. *novae-zeelandiae*

Geum sp. (*G. parviflorum* agg.)
 (stock short; terminal leaflet about as long as broad; fls up to 13 mm diam.)

Gingidia montana
Haloragis erecta ssp. *erecta*
Hydrocotyle heteromeria
H. moschata

H. sp. (i) (cf. *H. novae-zeelandiae* ss.)
H. sp. (ii) (unnamed; included in *H. novae-zeelandiae*, as var. *montana*, by Kirk 1899)

Kelleria dieffenbachii
Linum monogynum
Lobelia roughii
Myosotis sp. (*M. australis* agg.)

Nertera depressa (incl. *N. cunninghamii*)

N. setulosa
Notothlaspi australe s.s.
Ourisia caespitosa (Martin 1932)
O. lactea ssp. *lactea*
Oxalis exilis
O. magellanica
Parietaria debilis
Plantago lanigera sl.

Pratia angulata agg.
P. macradon s.s.

Ranunculus insignis
R. reflexus

R. sp. (unnamed; included in *R. lappaceus*, as var. *macrophyllus*, by Kirk 1899)

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

S. roughii (Martin 1932)
Urtica incisa

Viola cunninghamii
Wahlenbergia albomarginata
 var. *albomarginata* (incl. *W. pygmaea*
 var. *laxa*, *W. brackleyi*, and *W. simpsonii*)

W. rupestris

No. of species: 326.

Doubtful and erroneous records not accepted

<u>Record</u>	<u>Prob. identity of plants on which record based</u>
<i>Asplenium bulbiferum</i> (Wardle 1971)	<i>Asplenium gracillimum</i>
<i>Blechnum minus</i> (Wardle 1971)	<i>Blechnum procerum</i>
<i>Carmichaelia grandiflora</i> (Wardle 1971)	<i>Carmichaelia</i> sp.
<i>Celmisia coriacea</i> (Cockayne 1906, Martin 1932, Wardle 1971)	<i>Celmisia montoi</i>
<i>C. sinclairii</i> "form" (Kirk 1899)	
<i>Chionochoa flavescens</i> (Wardle 1971)	<i>Chionochoa</i> sp. (unnamed)
<i>Coprosma parviflora</i> (Cockayne 1906, Wardle 1971)	<i>Coprosma</i> sp. (unnamed)
<i>Gaultheria depressa</i> (Martin 1932, as <i>G. antipoda</i> var. <i>depressa</i>)	<i>Gaultheria</i> sp. (unnamed)
<i>G. tupestris</i> (Martin 1932)	<i>G. crassa</i>
<i>Hebe odora</i> (Martin 1932)	<i>Hebe anomala</i>
<i>H. subalpina</i> (Wardle 1971)	
<i>Rubus australis</i> (Cockayne 1906)	<i>Rubus cissoides</i>

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