

INDIGENOUS HIGHER PLANTS (LYCOPODS, FERNS, FLOWERING
PLANTS) OF MT PATRIARCH†, SOUTHERN ARTHUR RANGE,
N.W. NELSON, 4200-5536 FT (1280-1680 M)

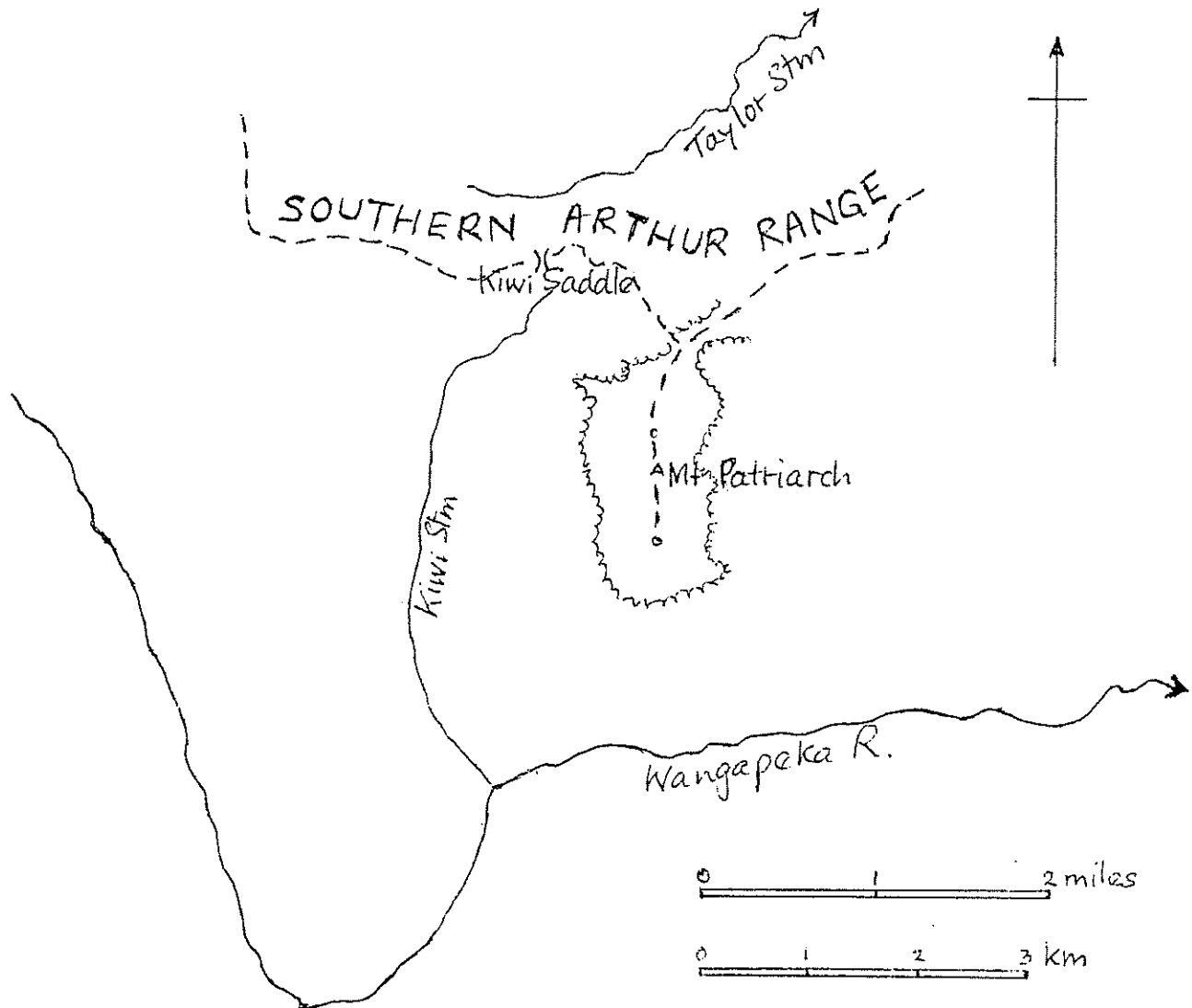
†GHD ref S 19 922122, alt. 5536 ft

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(Revised Sept 1982, June 1983, July 1983, June 1984,
July 1986, June 1988, Nov. 1988, June 1990, June 1991,

(Based on visits Jan. 1974 and Feb. 1982) March 1992,
Aug. 1992)

Rocks: predominantly indurated sandy limestone,
and calcareous mudstone and sandstone.
(Summit Limestone and Patriarch Formations)



(unc) - uncommon

* - not seen on marble

DICOT TREES

Dracophyllum traversii (incl. *D. pyramid-* *Gaulltheria depressa* s.s.
ale)

Hoheria lyallii var. (*H. glabrata*)

Nothofagus menziesii

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

Hebe carterburienensis

H. haastii var. (aff. var. *humilis*;
see Moore 1961, p. 940)

H. topiaria

H. sp. (aff. *H. glaucophylla*)

DICOT SHRUBS

Aristotelia fruticosa var.

Cassinia vauvilliersii

Coprosma atropurpurea

C. cheesemani s.s.

C. ciliata ssp. *ciliata*

C. depressa

C. propinqua ssp. *propinqua*

C. rugosa ssp. *rugosa* (unc)

C. serrulata (unc)

C. sp. (i) (unnamed) (prostrate shrubs;
lvs plano-convex, linear; drupes orange)

C. sp. (ii) (unnamed) (*C. parviflora* var.
dumosa sensu Allan 1961, non *C. p.*
var. *dumosa* Cheeseman)

C. cheesemani x *C. ciliata* (unc)

* *Coriaria plumosa* (unc)

C. sarmentosa (unc)

Cyathodes dealbata (incl. *C. pomila*)
(unc)

Dracophyllum longifolium var.
(incl. *D. filifolium* & *D. oliveri*)

D. uniflorum

Helichrysum intermedium var.

Leucopogon fraseri s.s.

L. suaveolens (incl. *Cyathodes colensoi*)

Melicytus alpinus s.s.

M. sp. (unnamed; aff. *M. alpinus*) (prostrate
hermaphrodite shrubs; branches

upto 40cm long, often rooting;

lvs linear-oblong; fr white) (unc)

Myrsine nummularia

Olearia avicenniifolia

O. lacunosa var. *lacunosa*

O. nummularifolia var. (lvs

distinctly longer than broad,

rather than suborbicular as

in var. *nummularifolia*) (unc)

Pentachondra pumila

Pimelea suteri var. (*Poreophila*)

Pittosporum anomalum

Traversia baccharoides (unc)

DICOT LIANES AND RELATED

TRAILING PLANTS

Muehlenbeckia axillaris

LYCOPODS

Lycopodium australianum

L. fastigiatum (unc)

FERNS

Blechnum penna-marina

Cystopteris tasmanica

Grammitis patagonica (unc)

G. poeppigiana (unc)

Hypolepis millefolium

Ophioglossum coriaceum agg. (unc)

Polystichum vestitum

ORCHIDS

Chiloglottis cornuta

Corybas mactanthus (unc)

Prasophyllum colensoi

Pterostylis venosa (unc)

P. sp. (unnamed; aff. *P. cyenocephalda*)

GRASSES

Agrostis dyeri agg.

A. personata

Chionchloa australis

C. conspicua ssp. *conspicua*

C. pallens ssp. *pallens*

C. sp. (unnamed) (*C. flavescens* av

S.I., non *C. flavescens* Zotov)

C. australis X *C. pallens* (unc)

Deschampsia tenella

Elymus sp. (aff. *E. rectisetus*) (lvs
t. glaucous; awns 4-6 cm long)

Festuca sp. (aff. *F. matthewsii*) (plants tufted
but not tussock-forming, glaucous) (unc)

Hierochloa novae-zelandiae

Koeleria sp.

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

Microlaena colensoi s.s.

Poa breviglumis

P. celsa (unc)

P. colensoi

P. kirkii

P. maia

P. subvestita

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

Rytidosperma gracile

R. setifolium

Trisetum youngii

T.sp.(i)(unnamed)(plants slender; lf sheath glabrous or nearly so; lf blade flat, up to 2.5 mm wide, margins smooth, vs. with a few hairs near ligule)

RUSHES

Luzula migrata

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

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

Astella graminea

T.sp.(iii)(unnamed; aff. *T. antarcticum*) (plants robust; lf sheath glabrous at least in upper part; lf blade flat, up to 7 mm wide, margins scabrid vs. with some long hairs near ligule)

A. nervosa s.s.

A. nivicola s.s. (unc)

A. petriei (unc)

A. sp. (unnamed; aff. *A. nervosa*) (lvs broad, not conspicuously white)

Bulbinella hookeri

Phormium cookianum

T. hybrids (suspected)

SEDGES

Carex acicularis

C. enysii (unc)

C. trachycarpa (unc)

C. wakatipu s.s.

C. sp. (unnamed) (styles 3)

COMPOSITE HERBS . [oides s.s.]

Anaphalis sp. (*Helichthysum bellidifolium*)

Brachyglottis lagopus var.

Brachyscome sinclairii s.s.

Celmisia monroi ssp. (*C. semicordata* ssp. *semicordata*)

C. petriei

C. spectabilis ssp.

C. traversii (unc)

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

(lvs linear to linear-lanceolate, white with cottony hairs) (unc)

Oreobolus pectinatus (unc)

Schoenus pauciflorus s.s. ('slender form' up to 45 x 1.2 cm; lower surface of Edgar 1970, p. 194)

Uncinia clavata

U. divaricata

U. fuscovaginata var. (plants glaucous) *Craspedia sp.* (i) (unnamed;

U. involuta

included in *C. lanata*, as

U. sp. (unnamed) (*U. affinis* sensu Hamlin 1959, non *U. riparia* var. *affinis* Col. ex Clarke)

var. *elongata*, by Allan 1961)

C. sp. (ii) (unnamed) (plants summer-green; lvs elliptic-spathulate, green, both surfaces densely clad in short glandular hairs < 0.3 mm long; midrib with or without long non-glandular hairs; lf margins \pm faintly white with cottony hairs; fls white)

A. pilifera

Cardamine sp. (i) (*C. debilis* agg) (cf. "Long Style" of Pritchard 1957)

C. sp. (ii) (unnamed) (lvs mostly simple, occ. with up to two pairs of pinnules; blades \pm reniform)

Gnaphalium mackayi s.s. (unc)

Cheesemani *lati* siliqua (incl. *C. gibbsii*)

G. tuahnicum

Colobanthus affinis

Lagenifera pinnatifida (unc)

C. canaliculatus

Leptinella sp. (*L. pyrethri* folia agg.)

C. squarrosus

Microseris scapigera var.

C. strictus

Pseudognaphalium sp. (unnamed; aff. *P. luteoalbum*) (mountain sp.; lvs mostly oblong-spathulate to narrowly oblong, rounded)

C. wallii (incl. *C. masoniae*)

C. sp. (unnamed) (lvs and sepals strongly acicular; lvs unbordered sepals 5, broader than lvs, without a thickened midrib)

Raoulia apicinigra s.s.

R. glabra

Senecio glaucophyllus ssp. *glaucophyllus*

S. wairauensis

C. wallii \times *C. sp. (unnamed)* (unc)

Taraxacum magellanicum

DICOT HERBS OTHER THAN COMPOSITES

Acaena profundeincisa

Epilobium brunnescens s.s.

Aciphylla ferox

E. chlorifolium

Anemone tenuicaulis (unc)

E. cockayneanum

Anisotome aromatica

E. glabellum s.s.

A. filifolia (unc)

E. gracilipes

E. pubens (unc)

* *E. pycnostachyum*

- E. vernicosum
- E. sp. (unnamed; included in E. brun-
escens, as ssp. minutiflorum, by
Raven and Engelhorn, 1971)
- Euphrasia zelandica agg. (corolla
4-5mm wide)
- E. sp. (unnamed; aff. E. laevis)
- Forstera tenella
- Galium perpusillum ss.
- Gentiana bellidifolia agg.
- G. filipes
- G. sp. (unnamed; aff. G. corymbifera)
- Geranium microphyllum
- G. sessiliflorum var. novae-zelandiae
- Geum leiospermum (unc)
- G. sp. (G. parviflorum agg.) (stock
short; terminal leaflet about as
long as broad; fls up to 13mm
diam. (unc))
- Gingidia decipiens
- G. montana
- Hydrocotyle microphylla
- H. moschata (unc)
- H. sp. (unnamed; included in H.
novae-zeelandiae, as var. mont-
ana, by Kirk 1899)
- Kelleria laxa
- K. multiflora
- Myosotis mactantha (unc)

* M. sp. (i) (M. australis agg.) (fls yellow)
M. sp. (ii) (M. australis agg.) (fls small,
white)

- M. sp. (iii) (unnamed; included in M.
pygmaea, as var. drucei, by Moot
1961)
- Nettara ciliata
- Notothlaspi sp. (unnamed; N.
australe auct. non Thlaspi
australe Hook. f.)
- Oreomyrrhis colensoi ss (incl. O. c.
var. hispida and O. c. var. multifida)
- O. sp. (unnamed; aff. O. ramosa)
- Ourisia lactea ssp. lactea
- Oxalis exilis (unc)
- O. magellanica
- Parahebe linifolia ssp. linifolia
- Plantago raoulii
- Pratia angulata agg.
- Ranunculus attus
- R. insignis
- R. verticillatus
- R. sp. (unnamed; included in R.
lappaceus, as var. macrophyllus,
by Kirk 1899)
- Scleranthus brockiezi
- S. uniflorus
- * Stellaria decipiens (incl. S. parv-
flora)
- S. gracilentata
- Urtica incisa
- Viola cunninghamii
- V. lyallii
- Wahlenbergia albomarginata
var. albomarginata (incl. W. pyg-
maea var. laxa, ^{W. brockiezi} & W. simpsonii)

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