

INDIGENOUS HIGHER PLANTS (LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF HALDON HILLS, MARLBOROUGH, 150-820 M/500-2697 FT

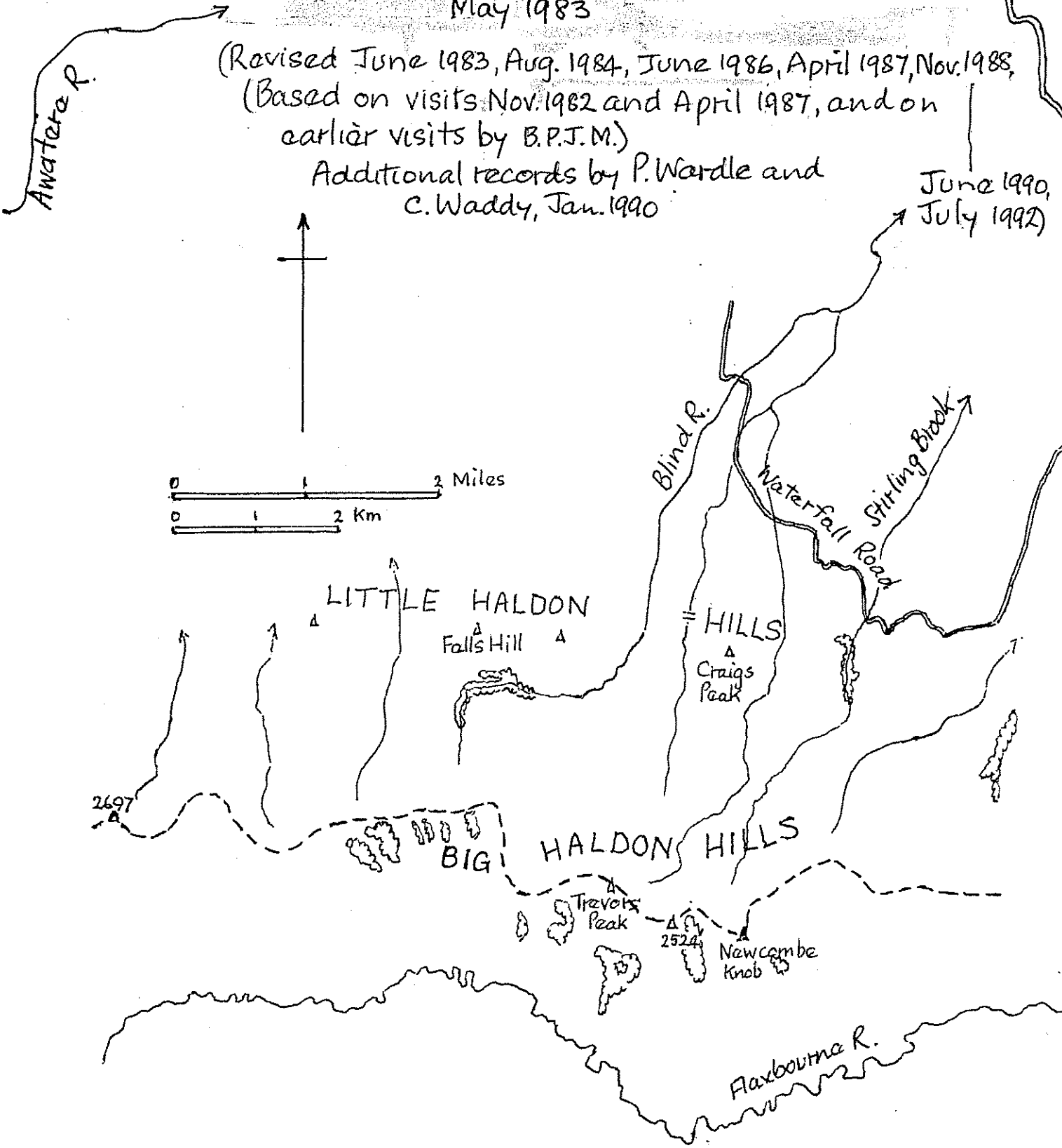
Highest point: 820 m/2697 ft; grid ref. S35 227674

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(Revised June 1983, Aug. 1984, June 1986, April 1987, Nov. 1988,  
(Based on visits Nov. 1982 and April 1987, and on  
earlier visits by B.P.J.M.)

Additional records by P. Wardle and  
C. Waddy, Jan. 1990

June 1990,  
July 1992



(unc) - uncommon

**GYMNOSPERM TREES**

Podocarpus hallii  
[Prumnopitys taxifolia (dead)]

Cassinia leptophylla var. leptophylla  
C. vauvilliersii (unc)

**MONOCOT TREES**

Cordyline australis

Coprosma acerosa ssp. (unc)

**DICOT TREES**

Alectryon excelsus var. excelsus  
Aristotella serrata  
Carpodetus serratus  
Dodonaea viscosa var. (unc)  
Fuchsia excorticata  
Griselinia littoralis  
Lophomyrtus obcordata (unc)  
Macropiper excelsum var. excelsum  
Melicytus ramiflorus ssp. ramiflorus  
Myoporum laetum var. laetum  
Myrsine australis  
Pennantia corymbosa  
Pittosporum eugenoides (unc)  
P. tenuifolium ssp. tenuifolium  
Pseudopanax arboreus var. arboreus  
P. crassifolius  
Sophora microphylla

C. crassifolia  
C. lucida s.s.  
C. propinqua ssp. propinqua  
C. rhamnoides (incl. C. polymorpha)  
C. robusta  
C. rotundifolia (unc)  
C. propinqua X C. robusta  
Coriaria arborea  
C. kingiana  
C. sarmentosa  
Corokia cotoneaster var. cotoneaster  
Cyathodes sp. (C. juniperina agg)  
(lvs small, us. < 1cm x < 1mm)  
Discaria toumatou  
Fuchsia excorticata X F. perscandens (F. X edensoi)  
Gaultheria antipoda (unc)  
Hebe hulkeana  
H. salicifolia var. salicifolia  
H. stricta var. atkinsonii  
H. traversii  
H. sp. (i) (Veronica arborea)  
H. sp. (ii) (Veronica squalida)  
H. salicifolia X H. stricta

**DICOT SHRUBS**

Brachyglottis montroi var. montroi  
(incl. B.m. var. elongatus)  
B. repanda s.s.  
Carmichaelia sp. (subgenus Carmichaelia)

*Helichrysum aggregatum* var.  
*aggregatum*

*H. intermedium* var. (unc)

*H. parvifolium*

*H. sp.* (aff. *H. coralloides*)

*H. glomeratum* x *H. bellidioides* (unc)

*Meliccytus alpinus* s.s.

*Ileostylus micranthus*

*Kothenfelsella lindsayi*

*Kunzea ericoides* agg.

*Leptospermum scoparium*

*Leucopogon fraseri* s.s.

*Muehlenbeckia astonii* (unc)

*Olearia paniculata*

*O. solandri*

*Pachystegia insignis* s.s.

*P. rufa*

*P. insignis* x *P. rufa*

*Solanum aviculare* var. *aviculare*

*Sophora prostrata*

*Tupeia antarctica*

*Urtica ferox*

#### DICOT LIANES

*Calystegia tuguriorum*

*Clematis afoliata*

*C. forsteri*

*C. marata* (unc)

*C. quadribracteolata* (unc)

*Convolvulus sp.* (unnamed; included in *C. verecundus*, as ssp. *waitaha*, by Sykes 1987)

*Fuchsia perscandens*

*Muehlenbeckia australis*

*M. complexa*

*M. australis* x *M. complexa*

*Parsonsia capsulatis* var.

*P. heterophylla* (unc)

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

*R. schmidelioides* var. *subpaupercatus*

*R. squarrosus*

#### LYCOPODS

*Lycopodium varium* (unc)

#### FERNS

*Adiantum cunninghamii*

*Asplenium bulbiferum* (unc)

*A. flabellifolium* agg.

*A. flaccidum*

*Agracillimum*

*A. hookerianum*

*A. oblongifolium*

*A. terrestre* ssp. *terrestre*

*Azolla filiculoides* (unc)

*Blechnum chambersii*

*B. discolor*

*B. fluviatile* agg.

*B. minus*

*B. penna-martina*

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

B.sp.(ii) (unnamed) (cliff sp.; lower pinnae not reduced in length) ("The Green Bay Species of Crookes 1963")

B. minus x B.sp.(b) (unc)

Cheilanthes distans

C. humilis

Ctenopteris heterophylla

Histiopteris incisa

Ophioglossum coriaceum agg.

Pellaea caliditropium (unc)

P. rotundifolia

Phymatosorus pustulatus

Pleurosorus tutifolius (unc)

Pneumatosorus pennigera

Polystichum richardii

P. vestitum

Pyrosia eleagnifolia

Pteridium esculentum

Pteris tremula (unc)

Cyathea dealbata (unc)

C. medullaris (unc)

#### ORCHIDS

Caladenia carnea agg.

Corybas macranthus

Drymoanthus adversus

Earina autumnalis (unc)

E. mucronata s.s. (unc)

Microtis unifolia

Pterostylis areolata (unc)

P. banksii

Thelymitra longifolia

undetermined orchid

#### GRASSES

Cortaderia richardii

Dichelachne crinita

Echinopogon ovatus

Elymus tenuis (unc)

E. sp. (unnamed; aff. E. recti-

setus) (lvs flat to rolled)

Festuca novae-zelandiae

Hierochloa tedolens

Microlaena polynoda

M. stipoides

Poa cita ssp

P. colensoi

P. imbecilla

Rytidosperma clavatum

R. setifolium

R. unatode

Trisetum sp. (unnamed) (plants slender; lf sheath usually glabrous; lf blade up to 2.5 mm wide)

#### SEDGES

Carex breviculmis

C. flagellifera

C. geminata s.s.

C. inversa

C. resectans (unc)

C. secta s.s.

C. virgata

Eleocharis acuta

Isolopis cernua

I. nodosa

Schoenoplectus pungens (unc)

Uncinia leptostachya

#### RUSHES

Juncus australis

*J. distegus*  
*J. graciflorus*  
*J. pallidus* (unc)  
*J. pusillus* (unc)  
*Luzula migrata* (unc)  
*L. picta* s.s.  
*L. rufa* s.s. (unc)

MONOCOT HERBS OTHER THAN  
ORCHIDS, GRASSES, SEDGES, RUSHES

*Atropodium candidum*  
*Astelia fragrans* (unc)  
*Hypoxis* sp. (cf. *H. hookeri*)  
*Lemna* sp. (*L. minor* auct. N.Z.)  
*Libertia ixioides*  
*Phormium cookianum*  
*P. tenax*  
*Potamogeton cheesemanii* (unc)  
*Triglochin striata* (unc)  
*Typha orientalis* (unc)

COMPOSITE HERBS

*Anaphalis* sp. (*Helichthysum bellidioides* s.s.)  
*Brachycome sinclairii* s.s.  
*Brachyglottis lagopus* var. *lagopus*  
*Celmisia montoi* ssp. *montoi*  
*Cotula coronopifolia* (unc)  
  
*Craspedia uniflora* var. (lvs green, both surfaces densely covered in very short glandular hairs; fls white)  
*Gnaphalium audax*  
*G. gymnocephalum*  
*G. involucreatum*  
*Helichthysum filicaule*  
  
*Lagenifera pumila* (unc)  
*Leptinella squalida* s.s. (unc)

*Microseris scapigera* var.  
*Pseudognaphalium* sp. (*P. luteoalbum* agg.)

*Raoulia australis* s.s. (unc)  
*R. glabra*  
*R. montoi* (unc)  
*R. parkii* (unc)  
*Senecio glaucophyllus* var. (unc)  
*S. hispidulus*  
*S. quadridentatus*  
*Vittadinia australis* agg.

DICOT HERBS OTHER THAN COMPOSITES

*Acaena anserinifolia*  
*A. juvenca*  
  
*Aciphylla squarrosa* (unc)  
*Cardamine* sp. (i) (aff. *C. corymbosa* (unc))  
*C.* sp. (ii) (*C. debilis* agg.) ("Narrow Petal. of Pritchard 1957")  
*Centella uniflora* (unc)  
*Colobanthus acicularis*  
*C. strictus*  
*Crassula tetramera*  
*Dichondra repens* agg.  
*D.* sp. (i) (unnamed) (fls small, 4-5 mm diam.; sepals = or > corolla lobes)  
  
*D.* sp. (ii) (unnamed) (fls large, 6-13 mm diam.; sepals < corolla lobes) (unc)

*Einadia allanii*  
*Epilobium attriplicifolium* s.s.  
*E. cinereum*  
*E. nertetoides*  
*E. nummularifolium*  
*E. pubens*  
*E. sp.* (unnamed; included in *E. brunnescens*, as ssp. *minutiflorum*, by Raven and Englehorn, 1971) (unc)  
*Galium propinquum*  
*G. trilobum*  
*Gentiana tenuifolia* (unc)  
*Geranium* <sup>sp. (unnamed; aff. *G. microphyllum*)</sup> *microphyllum*  
*G. sessiliflorum* var. *novae-zeelandiae*  
*G. solanderi* (unc)  
*Gingidia montana*  
*Haloragis erecta* ssp. *erecta*  
*Hydrocotyle heteromera* (unc)  
*H. moschata*  
*H. novae-zeelandiae* s.s. (unc)  
*H. sp.* (unnamed; included in *H. novae-zeelandiae*, as var. *montana*, by Kirk 1899)  
*Kellaria villosa* (?) (unc)  
*Lilaeopsis ruthiana* (unc)  
*Linum monogynum*  
*Myosotis* sp. (*M. australis* agg.)  
 (fls yellow) (unc)  
*Oxalis exilis*  
*Parietaria debilis*  
*Plantago raoulii*  
  
*Ranunculus glabrifolius* (unc)  
*R. reflexus*  
*Rumex flexuosus*

*Scandia geniculata*  
*Schizaelema trifoliolatum*  
*Scleranthus biflorus*  
*Stellaria decipiens* (incl. *S. parviflora*)  
*S. gracilentata* (unc)  
*Urtica incisa* (unc)  
*Viola cunninghamii* (unc)  
*Wahlenbergia albomarginata*  
 var. *albomarginata* (incl. *W. brocklei*, *W. pygmaea* var. *laxa*, and *W. simpsonii*)  
*W. rupestris*

#### REFERENCES

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 Raven, P.H.; Englehorn, T. 1971: New taxa and new combinations in Australasian *Epilobium* (Onagraceae). N.Z. J. Bot. 9: 345-50.

No. of species: 24