

HIGHER PLANTS (PSILOPSIDS, LYCOPODS, FERNS, GYMNOSPERMS, FLOWERING PLANTS) OF HERANGI RANGE, S.W. OF TE KUITI, 100-2652 FT (30-800M)†

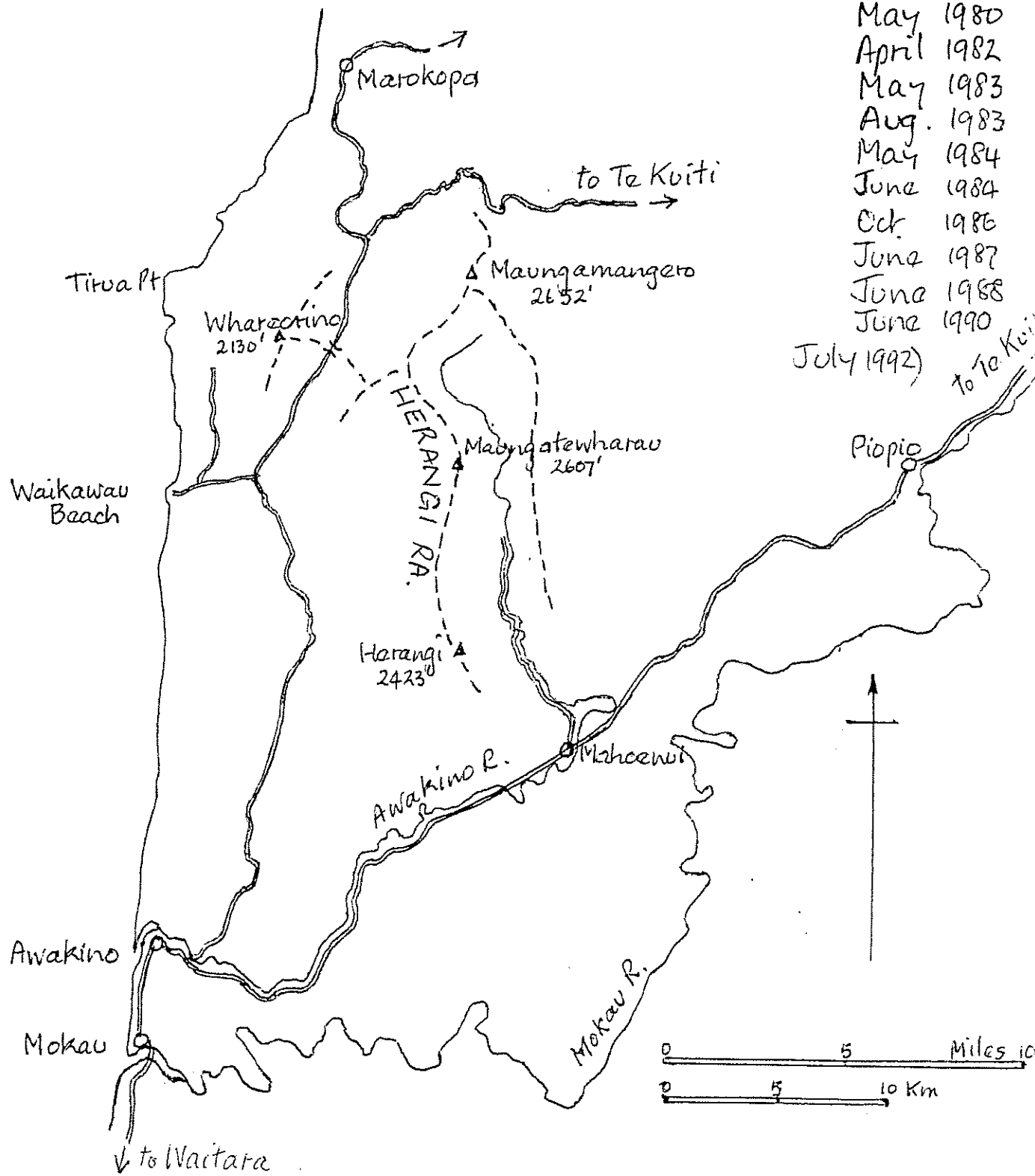
† Highest point: Maungamangero, grid ref. N82 317738

A.P. Druce, Botany Division, D.S.I.R., Feb. 1979 (revised

(Based on visits Dec. 1959, Oct. 1978, Feb. 1983, and Dec. 1983)

- June 1979
- Jan 1980
- March 1980
- May 1980
- April 1982
- May 1983
- Aug. 1983
- May 1984
- June 1984
- Oct. 1986
- June 1987
- June 1988
- June 1990

July 1992) to Te Kuiti



INDIGENOUS SPECIES

GYMNOSPERM TREES AND SHRUBS

- Dacrycarpus dactyloides
- Dacrydium cupressinum
- Lepidothamnus laxifolius (unc)
- L. intermedius x L. laxifolius (unc)
- Libocedrus bidwillii
- Podocarpus hallii
- P. h. x P. nivalis (unc)
- Prumnopitys ferruginea
- P. taxifolia (unc)

MONOCOT TREES AND SHRUBS

- Cordyline australis
- C. banksii
- C. indivisa (unc)
- C. australis x C. banksii
- Rhopalostylis sapida

DICOT TREES

- Alectryon excelsus var. excelsus
- Amstelilia serrata
- Baitschmedia tawa
- Carpodetus serratus
- Corynocarpus laevigatus
- Dracophyllum latifolium (incl. D. matthewsii)
- D. traversii (incl. D. pyramidale)
- Dysoxylum spectabile
- Elaeocarpus dentatus (incl. E. d. var. obovatus)
- E. hookerianus
- Fuchsia excorticata
- Griselinia littoralis
- G. lucida
- Hedycarya arborea
- Hohemia populnea var. lanceolata
- Knightia excelsa
- Laurelia novae-zelandiae
- Litsea calicaris

- Lophomyrtus bullata
- Macropiper excelsum var. excelsum
- Melicope ternata
- Melicytus lanceolatus (incl. M. l. var. latior) (unc)
- M. ramiflorus ssp. ramiflorus
- Metrosideros robusta
- Myrsine australis
- M. salicina
- Nestegis cunninghamii (unc)
- N. lanceolata (unc)
- Nothofagus solandri var. solandri
- Olearia rani var. colorata

- Pennantia corymbosa
- Pittosporum tenuifolium ssp. colensoi (unc)
- Pseudopanax arboreus var. arboreus
- P. colensoi s.s. (unc)
- P. crassifolius
- P. edgerleyi (unc)
- P. laetus (unc)
- P. simplex (incl. P. s. var. sinclairii)
- Quintinia serrata (incl. Q. acutifolia and Q. elliptica)
- Schefflera digitata
- Strabulus heterophyllus (unc)
- Syzygium macle
- Vitex lucens
- Wairimannia racemosa var. racemosa

DICOT SHRUBS

- Alseuosmia macrophylla
- A. pusilla (unc)
- Brachyglottis kirkii s.s. (unc)
- B. repanda s.s.
- Cassinia leptophylla var. leptophylla

- Coptosma colensoi s.s.
- C. foetidissima
- C. grandifolia
- C. lucida s.s.
- C. rhamnoides (incl. C. polymorpha)

- C. robusta
- C. rotundifolia (unc)
- C. tenuifolia (unc)
- Coriaria arborea
- Cyathodes empetrifolia (unc)
- Dracophyllum strictum
- Gaultheria antipoda
- G. paniculata (unc)
- G. sp. (unnamed; included in G. depressa, as var. novae-zelandiae, by Franklin 1962) (unc)
- G. antipoda x G. sp. (unnamed) (unc)
- Geniostoma rupestre var. ligustifolium
- Hebe macrocarpa var. (H. corriganii) (unc)
- H. stricta var. stricta
- Kunzea ericoides agg.
- Leptospermum scoparium
- Leucopogon fasciculatus var.
- Neomyrtus pedunculata
- Olearia arborescens (unc)
- O. vitigata var. (lvs smaller than in var. vitigata) (unc)
- Pentachondra pumila (unc)
- Pittosporum cornifolium
- P. kirkii (unc)
- Pseudopanax anomalus (unc)
- Pseudowintera axillaris
- P. colorata
- Rhabdothamnus solandri (unc)
- Solanum aviculare var. aviculare

Urtica ferox

**MONOCOT LIANES**

- Freycinetia baueriana ssp. banksii
- Ripogonum scandens

**DICOT LIANES**

- Clematis foetida (unc)
- C. paniculata
- Metrosideros colensoi (incl. M.c. var. pendens) (unc)
- M. diffusa
- M. fulgens
- M. perforata
- Muehlenbeckia australis
- Parsonsia capsularis var.
- P. heterophylla
- Passiflora tetrandra.
- Rubus australis (unc)
- R. cissoides var. cissoides
- R. australis x R. cissoides (unc)

**PSILOPSIDS AND LYCOPODS**

- Tmesipteris elongata (incl. T.e. ssp. robusta)
- T. lanceolata
- T. tannensis
- Lycopodium catnum (unc)
- L. deuterodeusum (unc)
- L. fastigiatum (unc)
- L. laterale (incl. L. ramulosum?) (unc)
- L. scariosum
- L. varium (incl. L. billardierei and L. novae-zelandicum)
- L. volubile

**FERNS**

- Adiantum cunninghamii
- Anarthropteris lanceolata
- Asplenium bulbiferum

*A. flaccidum*  
*A. hookerianum* (unc)  
*A. polyodon*  
*Azolla filiculoides* (unc)  
*Blechnum chambersii*  
*B. colensoi*  
*B. discolor*  
*B. filiforme*  
*B. fluviatile* agg.  
*B. membranaceum*  
*B. minus*  
*B. nigrum*  
*B. penna-marina* (unc)  
*B. procerum*  
*B. vulcanicum*  
*B. sp.* (unnamed) (common lowland sp.; lower pinnae reduced in length)  
*B. procerum* X *B. sp.* (unnamed)  
*Ctenopteris heterophylla*  
*Deparia petersenii* (unc)  
*Dicksonia fibrosa* (unc)  
*D. lanata* s.s. (unc)  
*D. squarrosa*  
*Diplazium australe*  
*Doodia media* ssp. *australis*  
*Gleichenia dicarpa* (unc)  
*G. micropphylla* (unc)  
*Grammitis billardierei*  
*G. ciliata* (unc)  
*G. magellanica* ssp. *nolthofagati*  
*G. pseudociliata* (unc)  
*Histiopteris incisa*  
*Hymenophyllum armstrongii*  
*H. bivalve* (unc)  
*H. demissum*  
*H. dilatatum*  
*H. ferrugineum*      *H. hyalii*  
*H. flabellatum*      *H. malinigi*  
*H. flexuosum* (unc) *H. multifidum*  
*H. pulcherrimum*  
*Cyathea cunninghamii*  
*C. dealbata*  
*C. medullaris*  
*C. smithii*

*H. rarum*  
*H. revolutum*  
*H. sanguinolentum* agg.  
*H. scabrum*  
*Hypolepis ambigua*  
*H. distans* (unc)  
*H. lactea*  
*H. tofo barbata*  
  
*Lastreopsis glabella*  
*L. hispida*  
*Leptolepia novae-zelandiae*  
*Leptopteris hymenophylloides*  
*L. superba*  
*Lindsaea trichomanoides* (incl. *L. t. var. lessonii*)  
  
*Marattia salicina* var. *salicina*  
*Ophioglossum coriaceum* agg.  
*Paesia scaberula*  
*Phymatosorus novae-zelandiae* (unc)  
*P. postulatus*  
*P. scandens*  
*Pneumatopteris pennigera*  
*Polystichum richardii*  
*P. silvaticum* (unc)  
*P. vestitum* (unc)  
*Pteridium esculentum*  
*Pteris pendula*  
*P. tremula*  
*Pyrtosia elegnifolia*  
*Rumohra adiantiformis*  
*Schizaea* sp. (cf. *S. australis* and *S. fistulosa*) (unc)  
*Sticheros cunninghamii*  
  
*Trichomanes colensoi* (unc)  
*T. elongatum* (unc)  
*T. andlicherianum*  
*T. raniforme*  
*T. strictum*  
*T. venosum*

**ORCHIDS**

- Acianthus sinclairii*  
*Aporostylis bifolia*  
*Caladenia carnea* agg. (unc)  
*Chiloglottis cornuta*  
*Corybas acuminatus* (unc)  
*C. oblongus* (unc)  
*C. trilobus* s.s.  
*Dendrobium cunninghamii*  
*Drymoanthus adversus*  
*Eatinia autumnalis*  
*E. mucronata* s.s.  
*Microtis unifolia*  
*Orthoceras novae-zeelandiae*  
*Prasophyllum colensoi* (unc)  
*Genoplesium nudum* (?) (unc)  
*Pterostylis banksii*  
*P. sp.* (aff. *P. graminea* and *P. montana*)  
*Thalymittra cyanea*  
*T. longifolia*  
*T. sp.* (undetermined)

**GRASSES**

- Chionochoa conspicua* ssp.  
*cunninghamii*  
*C. c. x C. tubra* (unc)  
*Cortaderia fulvida*  
*Dichelachne etnita*  
*Lachnagrostis sp.* (cf. *L. filiformis*  
 var. *semiglabra*) (unc)  
*Microlaena avenacea*  
*M. stipoides*  
*Poa anceps* ssp. *anceps*  
*P. colensoi* (ligules 1.5-3mm long)  
  
*Rytidosperma clavatum*  
*R. gracile*  
*R. unarode* (unc)

**SEDGES**

- Baumea tenax*  
*Carex dissita*  
*C. forsteri*

*C. geminata* s.s.

*C. lessoniana*

*C. maorica*

*C. secta* s.s.

*C. solandri*

*C. virgata*

*C. sp.* (unnamed; aff. *C. geminata*)  
 (much larger than *C. geminata*;  
 lvs up to 2.5cm wide)

*Cyperus ustulatus*

*Eleocharis acuta*

*Egracilis* (unc)

*Gahnia pauciflora*

*G. procera* (unc)

*G. setifolia*

*Isolepis inundata*

*I. pottsii*

*I. reticulatis*

*Machaetina sinclairii*

*Morelotia affinis*

*Oreobolus pectinatus* (unc)

*Schoenus maschalinus*

*Uncinia banksii*

*U. ferruginea*

*U. gracilentata*

*U. uncinata*

*U. zotovii*

**RUSHES AND ALLIED PLANTS**

*Empodisma minus* (unc)

*Juncus gragiflorus*

*J. pallidus*

*J. planifolius*

*J. prismatocarpus* (unc)

*J. sarophorus*

*Luzula picta* s.s. (unc)

*L. subclavata* (unc)

MONOCOT HERBS OTHER THAN ORCHIDSGRASSES, SEDGES, RUSHES

*Arthropodium candidum* (unc)  
*Astelia fragrans*  
*A. solandri*  
*A. trinervia* (unc)  
*A. sp.* (unnamed; aff. *A. nervosa*)  
 (unnamed; aff. *A. nervosa*) (lvs not conspic-  
 uously white adaxially as in *A. nervosa*) (unc)  
*Collospermum hastatum*  
*C. microspermum*  
*Dianella nigra*  
*Herpolition novae-zelandiae* (unc)  
*Lamnia sp.* (*L. minor* auct. N.Z.)  
*Libertia pulchella*  
*L. sp.* (cf. *L. grandiflora* and *L. lxioides*)  
*Luzuriaga parviflora*  
*Phormium cookianum*  
*Typha orientalis*

COMPOSITE HERBS

*Anaphalis kenensis*  
*A. sp.* (unnamed) ("*Helichthysum*  
*alpinum*" of Cockayne 1928)  
  
*Gnaphalium aoidax*  
*G. delicatum* (unc)  
*G. gymnocephalum*  
*G. involucreatum*  
*G. ruahenicum*  
*G. sphaeticum*  
*G. sp.* (aff. *G. limosum*)  
*Helichthysum filicaule*  
*Lagenifera pumila*  
*Leptinella squalida* s.s.  
  
*Pseudognaphalium sp.* (*P. luteo-alb-*  
*um* agg.) (lvs mostly linear-spathu-  
 late to linear, acute)  
*Raoulia glabra* (unc)  
*Senecio minimus*

DICOT HERBS OTHER THAN COMPOSITES*Acaena anserinifolia*

*Callitriche muelleri* (unc)  
*Cardamine sp.* (i) (*C. debilis* agg.)  
 ("Glossy leaf" of Pritchard 1957)  
*C. sp.* (ii) (*C. debilis* agg.) ("Long Style"  
 of Pritchard 1957)  
*Centella uniflora*  
*Dichondra sp.* (unc)  
*Drosera binata* (unc)  
*D. peltata* ssp. *auriculata*  
*Elatostema rugosum*  
*Epilobium alsikoides* s.s.  
*E. brunnescens* s.s.  
*E. insulare* (unc)  
*E. heteroides*  
*E. nummularifolium*  
*E. pallidiflorum* (unc)  
*E. pedunculare* s.s.  
*E. pubens*  
*E. rotundifolium*  
*E. tenuipes* s.s. (unc)  
*E. sp.* (unnamed; included in *E.*  
*brunnescens*, as ssp. *minuti-*  
*florum*, by Raven and Engel-  
 horn, 1971) (unc)  
*Euphrasia cuneata* (unc)  
*Geranium potentilloides* var.  
*potentilloides* (unc)  
*Gonocarpus aggregatus*  
*G. micranthus* ssp. *micranthus*  
*Gunnera monoica*  
  
*Hydrocotyle dissecta* (unc)  
*H. elongata*  
*H. heteromera*  
*H. microphylla*  
*H. moschata*  
*Jovellana repens*  
*Lobelia anceps*  
*Myosotis forsteri* (unc)

- Nerteta depressa* (incl. *N. cunninghamii*)
- N. dichondrifolia*
- Ourisia macrophylla* ssp. *macrophylla*
- Oxalis exilis*
- Parahabe diffusa* ssp. *diffusa*
- Pratia angulata* agg.
- Ranunculus reflexus*
- Stellaria decipiens* (incl. *S. minuta* + *S. parviflora*)
- Urtica incisa*
- Viola filicaulis*

ADVENTIVE SPECIES (ABOVE 2000 FT)

GRASSES

- Agrostis capillaris*
- Aira caryophylla*
- Anthoxanthum odoratum*
- Holcus lanatus*
- Poa annua*
- Rytidosperma penicillatum*

RUSHES

- Juncus effusus* (unc)

COMPOSITE HERBS

- Cirsium vulgare*
- Gnaphalium* sp. (a)
- G.* sp. (b)
- Hieracium pilosella* (unc)
- Hypochoeris radicata*
- Leontodon taraxacoides*
- Senecio jacobaea*

DICOT HERBS OTHER THAN COMPOSITES

- Cetastium fontanum* ssp. *vulgare*
- Digitaria purpurea*
- Sagina procumbens*

No. of indigenous species : 34.  
No. of adventive species : 17.

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