

INDIGENOUS HIGHER PLANTS (PSILOPSIDS, LYCOPODS, FERNS, GYMNO-SPERMS, FLOWERING PLANTS) OF PUKEAMARU SCENIC RESERVE, RAUKUMARA RA., 100-3254 FT (30-990 M).

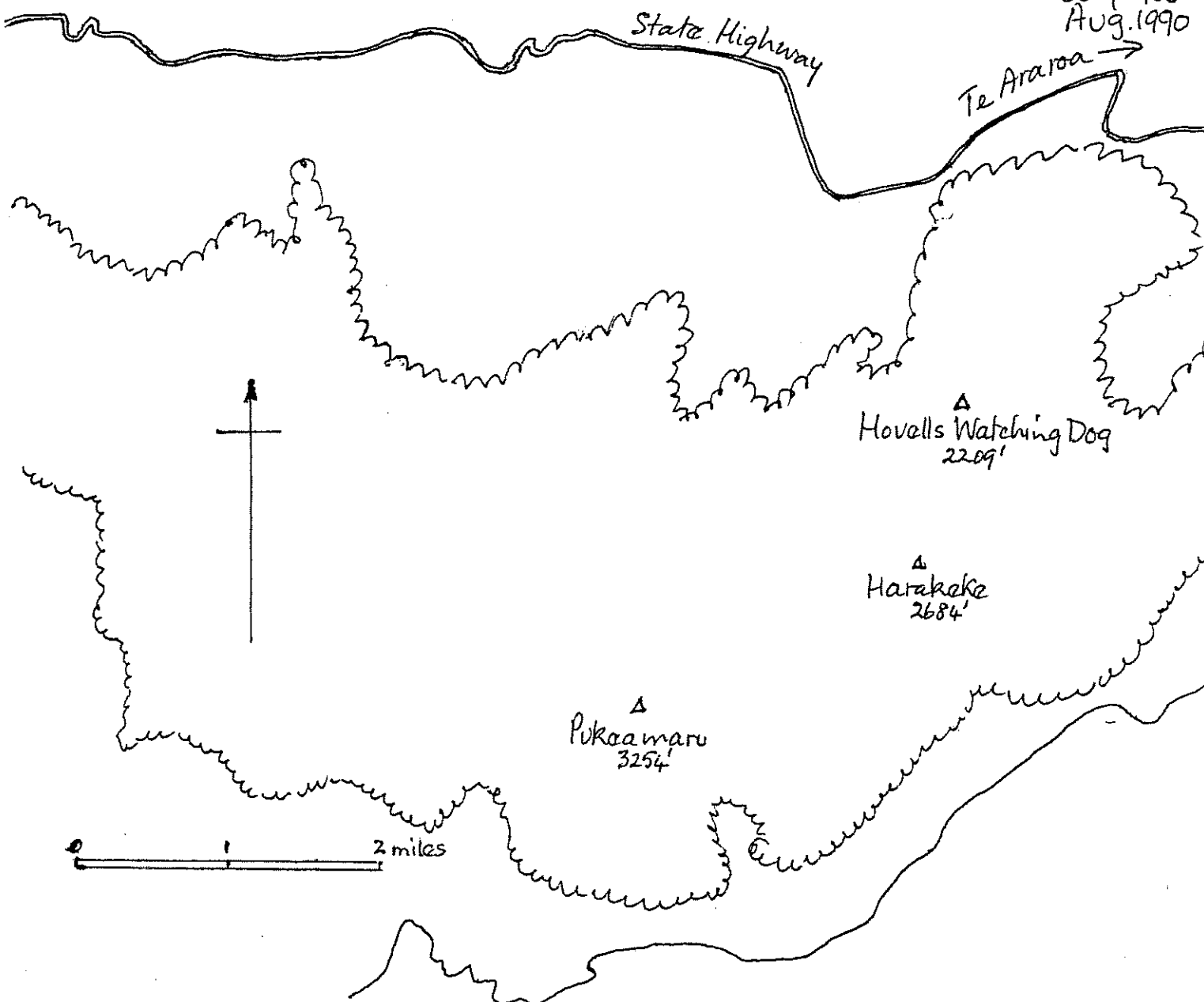
Highest point: Pukeamaru, grid ref N62 647592, alt. 3254 ft

A.P. Druce, Botany Division, D.S.I.R., 1972 (revised

(Based on visits 1950, 1959 and 1983)
(Additional records by B.R. Clarkson, July 1984)
Rocks: gabbro, basalt, agglomerate and tuffs of Matakaoa Volcanics

- April 1974
- June 1975
- June 1976
- May 1977
- June 1979
- March 1980
- May 1983
- Feb 1984
- July 1984
- Aug 1984
- July 1985
- Aug. 1990

July 1992)



(unc) - uncommon

GYMNOSPERMS

Dacrycarpus dactyloides
Dacrydium cupressinum
Halocarpus biformis
Lepidothamnus intermedius
Libocedrus bidwillii
Phyllocladus alpinus ss.
P. glaucus
P. trichomanoides ss
Podocarpus hallii
P. totara s.s.
Prumnopitys ferruginea
P. taxifolia

MONOCOT TREES AND SHRUBS

Cordyline australis
C. banksii
C. indivisa
Rhopalostylis sapida

DICOT TREES

Alectryon excelsus var. *excelsus*
Aristotelia serrata
Beilschmiedia tawa

Carpodetus serratus
Dodonaea viscosa var.
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
Glucida
Hedycarya arborea
Hoheria populnea var. *lanceolata*
Ixerba brexioides
Knightia excelsa
Laurelia novae-zelandiae
Lophomyrtus bullata
L. b. x L. obcordata

Macropiper excelsum var. *excelsum*

Melicope ternata

Melicoytus ramiflorus ssp. *ramiflorus*

Metrosideros excelsa

M. robusta

Mida salicifolia (incl. *M. s.* var. *myrtifolia*)

Myrsine australis

M. salicina

Nestegis lanceolata

Nothofagus fusca

N. menziesii

N. truncata

Oleaia tani var. *colorata*

Streblus heterophyllus

Pennantia corymbosa

Pittosporum eugenioides

P. tenuifolium ssp. *tenuifolium*

Pseudopanax arboreus var. *arboreus*

P. colensoi s.s.

P. crassifolius

P. edgerleyi

P. laetus (unc)

P. simplex (incl. *P. s.* var. *sinclairii*)

Quintinia serrata (incl. *Q. acutifolia* and *Q. elliptica*)

Schefflera digitata

Sophora tetraptera

Vitex lucens

Weinmannia racemosa

DIOT SHRUBS

Alsosmia pusilla

Archera racemosa

Brachyglottis repanda s.s.

B. larkii ss.

Carmichaelia sp. (subgenus *Carmichaelia*)

Cassinia leptophylla var. *leptophylla*

Coprosma areolata
 C. colensoi ss.
 C. foetidissima
 C. grandifolia
 C. lucida ss.
 C. thamnoides (incl. C. polymorpha)

C. rigida
 C. robusta
 C. spathulata ssp. spathulata
 Coticaria arborea
 Cyathodes juniperina var. (lvs.
 usually $> 1\text{cm}$ $\times > 1\text{mm}$)
 Dracophyllum sinclairii (incl. D.
 adamsii and D. vitide)
 Gaultheria antipoda
 G. oppositifolia
 Geniostoma tupestre var. lig-
 ustrifolium
 Hebe stricta var. stricta
 H. sp. (Veronica arborea)
 Helichrysum lanceolatum
 Kunzea ericoides agg.
 Leptospermum scoparium
 Leucopogon fasciculatus var.
 Melicope simplex
 Olearia arborescens
 O. furfuracea var.

Pimelea boxifolia (unc)
 P. longifolia
 Pseudopanax anomalus
 Pseudowintera axillaris
 P. colorata
 Solanum aviculare var. aviculare

Tupeia antaretica

MONOCOT LIANES

Freycinetia baueriana ssp. banksii
 Ripogonum scandens

DICOT LIANES

Calystegia fugutorum
 Clematis cunninghamii
 C. forsteri

C. paniculata
 Metrosideros diffusa
 M. fulgens
 M. perforata
 Muehlenbeckia australis
 Parsonsia capsularis var.
 P. heterophylla
 Rubus cissoides var. cissoides
 R. squarrosus

PSILOPSIDS

Tmesipteris elongata (incl. T. e.
 ssp. robusta)
 T. lanceolata (unc)
 T. tannensis

LYCOPODS

Lycopodium deuterodensum
 L. fastigiatum
 L. scariosum
 L. varium (incl. L. billardierei
 and L. novae-zelandicum)
 L. volubile

FERNS

Adiantum cunninghamii

Anarthropteris lanceolata
 Arthropteris tenella

- Asplenium bulbiferum
- A. flaccidum
- A. hookerianum
- A. oblongifolium
- A. polyodon
- A. bulbiferum x A. flaccidum
- A. flaccidum x A. polyodon (unc)
- Blechnum chambersii
- B. colensoi
- B. discolor
- B. filiforme
- B. fluviatile agg.
- B. minus
- B. nigrum
- B. procerum
- B. vulcanicum
- B. sp. (unnamed) (common lowland sp.; lower pinnæ reduced in length)

- Hypolepis ambigua
- H. tofobarbata
- Lastreopsis glabella
- L. hispida
- L. microsora ssp. pentangulatis
- Leptolepia novae-zelandiae
- Leptopteris hymenophylloides
- L. superba
- Paesia scaberula
- Pellaea rotundifolia
- Phymatosorus pustulatus
- P. novae-zelandiae
- P. scandens
- Pneumatopteris pennigera
- Polystichum richardii
- P. vestitum
- Pteridium esculentum
- Pteris pendula
- P. tremula
- Pyrosia eleagnifolia
- Rumohra adiantiformis
- Stichetus cunninghamii
- Trichomanes reniforme
- T. venosum

ORCHIDS

- Ctenopteris heterophylla
- Dicksonia squarrosa
- Diplazium australe
- Doodia media ssp. australis
- Grammitis billardierei
- G. ciliata (unc)
- G. magellanica ssp. nothofagati
- Histiopteris incisa
- Hymenophyllum bivalve
- H. demissum
- H. dilatatum
- H. ferrugineum
- H. flabellatum
- H. malingii
- H. multifidum
- H. rarum
- H. revolutum
- H. sanguinolentum agg.
- Cyathea dealbata
- C. modullaris
- C. smithii

- Aporostylis bifolia
- Bulbophyllum pygmaeum
- Caladenia carnea agg.
- Chiloglottis cornuta
- Corybas macranthus
- C. oblongus
- C. rivularis s.s.
- C. trilobus s.s.
- Dendrobium cunninghamii

- Drymoanthus adversus*
- Eatina autumnalis*
- E. mucronata* s.s.
- Gastrodia* sp.
- Microtis unifolia*
- Orthoceras novae-zeelandiae*
- Genoplesium nudum*
- Pterostylis banksii*
- P. sp.* (cf. *P. graminea*)
- Thelymitra longifolia*
- T. pauciflora*

- Cyperus ustulatus*
- Eleocharis acuta*
- Gahnia lacera*
- G. pauciflora*
- G. setifolia*
- Isolopis reticularis*
- Machaetia sinclairii*
- Morelotia affinis*
- Schoenus maschalinus*
- Uncinia banksii*
- U. gracilentata*
- U. uncinata*
- U. zotovic*

GRASSES

- Chionochloa flavicans*
- Cortaderia fulvida*
- Dichelachne crinita*
- Echinopogon ovatus*
- Microlaena arenacea*
- M. stipoides*
- Oplismenus imbecillus*
- Poa anceps* ssp. *anceps*
- [*P. cita* (probably adventive)]
- Rytidosperma clavatum*
- R. gracile*

RUSHES

- Juncus gregiflorus*
- Luzula picta* s.s.
- L. subclavata*

MONOCOT HERBS OTHER THAN ORCHIDS

GRASSES, SEDGES, RUSHES

SEDGES

- Carex comans*
- C. dipsacea* var. *dipsacea* (unc)
- C. dissita* s.s.
- C. flagellifera*
- C. inversa*
- C. secta* s.s.
- C. spinirostris*
- C. virgata*
- C. sp.* (*C. geminata* agg.)

- Arthropodium candidum*
- A. citratum*
- Astelia fragrans*
- A. sdaudti*
- A. trinervia* (unc)
- A. sp.* (unnamed; aff. *A. nervosa*)
(lvs not conspicuously white adaxially as in *A. nervosa*)
- CollospERMUM hastatum*
- C. microspermum*
- Dianella nigra*
- Libertia grandiflora*
- L. pulchella*
- Luzuriaga parviflora*
- Potamogeton cheesemani* (unc)

COMPOSITE HERBS

Anaphalis keteiensis s.s.
Craspedia viscosa
Gnaphalium audax
G. gymnocephalum
G. sphaericum
Lagenifera pumila
Leptinella squalida s.s.
Pseudognaphalium sp. (unnamed;
aff. *P. luteoalbum*)
Raoulia tenuicaulis (incl. *R. t.* var
dimorpha and *R. t.* var. *pusilla*)
Senecio minimus

DICOT HERBS

Acaena anserinifolia
Cardamine sp. (*C. debilis* agg.)
Centella uniflora
Epilobium nerteroides
E. nummularifolium
E. rotundifolium
Euphrasia cuneata
Galium propinquum
Geranium potentilloides var. *potentilloides*
Gonocarpus aggregatus
Gunnera monoica

Haloragis erecta ssp. *erecta*
Hydrocotyle microphylla
H. moschata
H. novae-zelandiae s.s.

Hypericum japonicum agg.
Jovellana sinclairii
Linum monogynum
Mazus novaezeelandiae
Mentha cunninghamii (unc)
Myriophyllum propinquum (unc)

Nertera depressa (incl. *N. cunninghamii*)
N. setulosa
N. sp. (unnamed; aff. *N. dichondriifolia*)
Oxalis exilis
Ourisia sp. (cf. *O. lactea* and *O. macrophylla*)

Parakebe diffusa ssp. *diffusa*
Peperomia tetraphylla
P. urvilleana
Pratia angulata agg.
Ranunculus amphitrichus
R. reflexus

Scandia sp. (*S. rosifolia* agg.)
(leaflets ovate-lanceolate)
Stellaria decipiens (incl. *S. parviflora*)
Urtica incisa
Viola filicaulis

No. of species: 300.