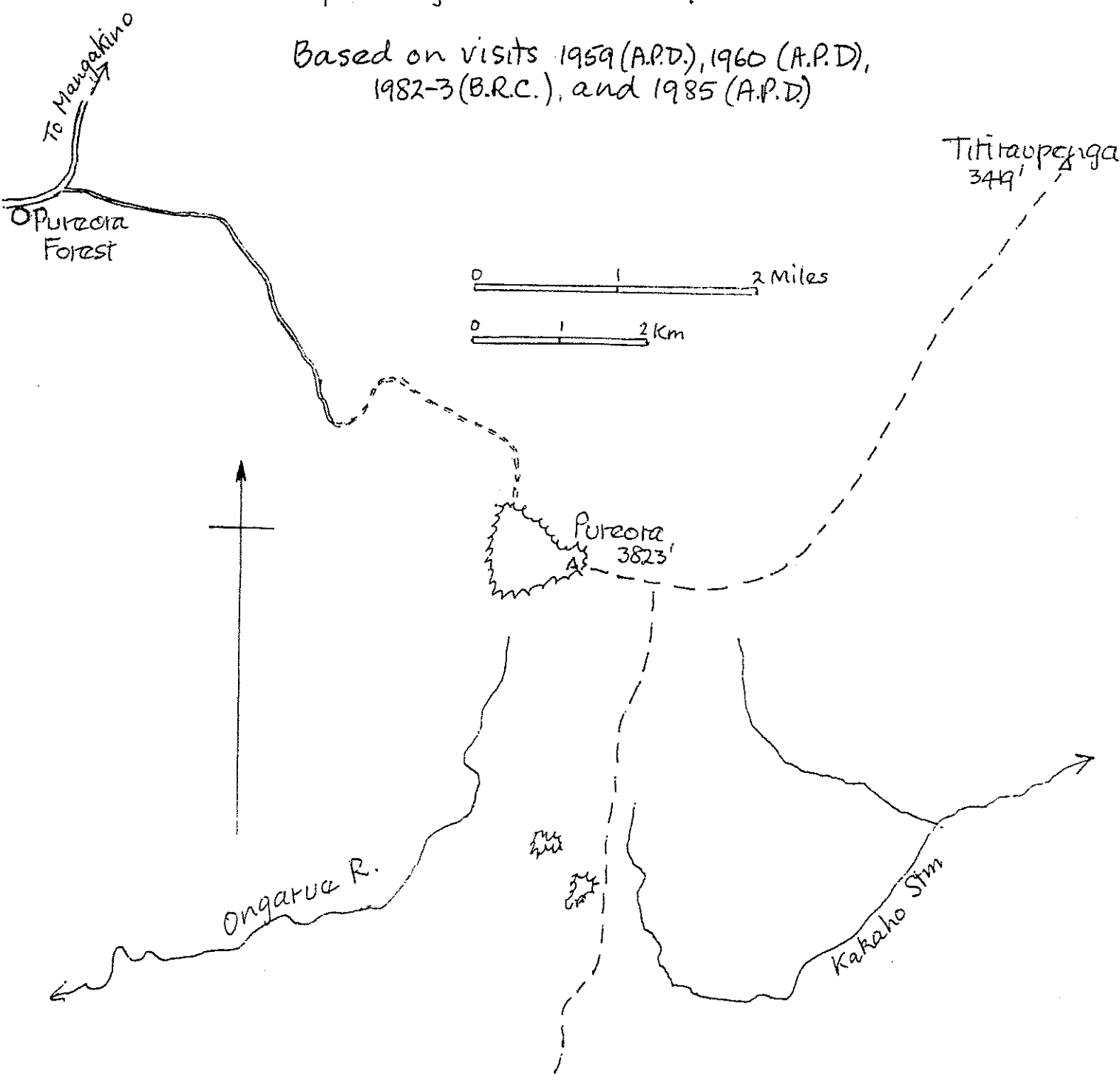


INDIGENOUS HIGHER PLANTS (PSILOPSIDS, LYCOPODS, FERNS, GYMNO-SPERMS, FLOWERING PLANTS) OF MT PUREORA†, HAUHUNGAROA RANGE, WEST TAUPO, 2300-3823 FT (700 -1170 M)

†N93 123543, alt. 3823 ft (c. 1170m)

A.P. Druce, Botany Division, D.S.I.R., 1972  
(Revised April 1974, July 1975, June 1976, April 1977,  
May 1977, November 1977, November 1978, June 1979,  
March 1980, June 1980, May 1983\*, Aug. 1983\*, June 1984,  
Nov. 1984, April 1985, May 1985, July 1985, Aug. 1990)  
\*Incorporating observations by B.R. Clarkson 1982-3

Based on visits 1959 (A.P.D.), 1960 (A.P.D.),  
1982-3 (B.R.C.), and 1985 (A.P.D.)



## GYMNOSPERMS

*Dacrycarpus dactyloides* (seedlings)  
*Dacrydium cupressinum*  
*Halocarpus bidwillii*  
*Phyllocladus alpinus*

*P. glaucus*  
*Podocarpus hallii*  
*Prumnopitys ferruginea*  
*P. taxifolia*

## MONOCOT TREES

*Cordyline australis*  
*C. indivisa*

## DICOT TREES

*Aristotelia serrata*  
*Beilschmiedia tawa*  
*Carpodetus serratus*  
*Elaeocarpus dentatus* (incl. *E. d.*  
*var. obovatus*)  
*E. hookerianus*  
*Fuchsia excorticata*  
*Griselinia littoralis*  
*Hedycarya arborea*  
*Melicytus lanceolatus* (incl. *M. l.* var. *C. sp.* (*C. juniperina* agg.) (*lvs us. < 1 cm*  
*latior*)  
*M. ramiflorus* ssp. *ramiflorus*  
*Myrsine salicina*  
*Nestegis cunninghamii*  
*N. lanceolata*  
*Olearia rani* var. *colorata*  
*Pennantia corymbosa*  
*Pseudopanax arboreus* var. *arboreus*  
*P. colensoi* ss.  
*P. crassifolius*  
*P. edgerleyi*  
*P. simplex* (incl. *P. s.* var. *sinclairii*)  
*Quintinia serrata* (incl. *Q. acuti-*  
*folia* and *Q. elliptica*)  
*Schefflera digitata*  
*Weinmannia racemosa* var. *racemosa*

## DICOT SHRUBS

*Alseuosmia pusilla*  
*Aristotelia fruticosa* var. *microphylla*  
*Brachyglottis repanda* ss.  
*B. rotundifolia* var. (*B. elaeagnifolia*)  
*B. kirkii* ss.  
*Cassinia leptophylla* var. (*C. vauvilliersii*)  
*Coprosma foetidissima*  
*C. grandifolia*  
*C. lucida* ss.  
*C. rhamnoides* ssp. *rhamnoides* (incl. *C. polymorpha*)  
*C. rigida*  
*C. robusta*  
*C. rugosa* ssp. *rugosa*  
*C. tenuifolia*  
*C. sp. (i)* (unnamed; aff. *C. chees-*  
*manii*) (*lvs broader than in C.*  
*cheesmanii*)  
*C. sp. (ii)* (unnamed; included in  
*C. parviflora* by Oliver, 1935,  
 and others (lf undersurface  
 not densely hairy as in *C. parvi-*  
*flora*; drupes vs. unpigmented,  
 occ. purplish red)  
*Cotokia buddleioides* (unc)  
*Cyathodes empetrifolia*  
*C. sp. (C. juniperina* agg.) (*lvs us. < 1 cm*  
*x < 1 mm*)  
*Dracophyllum subulatum*  
*Gaultheria antipoda*  
*G. sp.* (unnamed; included in *G.*  
*depressa*, as var. *novae-zeeland-*  
*iae*, by Franklin 1962)  
*G. sp. (unnamed) x Pernettya*  
*macrostigma*  
*Hebe macrocarpa* var. (*H.*  
*corriganii*)  
*H. stricta* var. *stricta*  
*Kunzea ericoides* var.  
*Leptospermum scoparium* var.  
*Leucopogon fasciculatus*

*Melicope simplex*  
*Myrsine divaricata* s.s.  
*Neomyrtus pedunculata*  
*Olea arborescens*  
*O. ilicifolia*  
*O. arborescens* x *O. ilicifolia* (incl.  
*O. macrodonta*)  
*Pentachondra pumila*  
*Pseudopanax anomalus*  
*P. a.* x *P. simplex*  
*Pseudowintera axillaris*  
*P. colorata*

### DICOT LIANES

*Clematis foetida*  
*C. paniculata*  
*Metrosideros diffusa*  
*Muehlenbeckia australis*  
*Parsonia capsularis* var.  
*Rubus cissoides*  
*R. schmidelioides* var. *schmideli-*  
*oides*

### PSILOPSIDS AND LYCOPODS

*Tmesipteris elongata* (incl. *T. a.* ssp.  
*robusta*)  
*T. tannensis*  
*Lycopodium australianum*  
*L. fastigiatum*  
*L. laterale* (incl. *L. ramulosum*?)  
*L. scariosum*  
*L. varium* (incl. *L. billardierei* and  
*L. novae-zelandicum*)  
*L. volubile*

### FERNS

*Asplenium bulbiferum*  
*A. flaccidum*  
*A. gracillimum*  
*A. hookerianum*

*A. oblongifolium*  
*A. polyodon*  
*Blechnum chambersii*  
*B. colensoi*  
*B. discolor*  
*B. fluviatile* agg.  
*B. membranaceum*  
*B. minus*  
*B. nigrum*  
*B. penna-marina*  
*B. procerum*  
*B. vulcanicum*  
*B. sp.* (unnamed) (common lowland  
 sp.; lower pinnae reduced in  
 length)

*Ctenopteris heterophylla*  
*Dicksonia fibrosa*  
*D. lanata* s.s.  
*D. squarrosa*  
*Gleichenia dicarpa*  
*Grammitis billardierei*  
*G. magellanica* ssp. *nottofageti*  
*Histopteris incisa*  
*Hymenophyllum armstrongii*  
*H. bivalve*  
*H. demissum*  
*H. dilatatum*  
*H. ferrugineum*  
*H. flabellatum*  
*H. multifidum*  
*H. pulcherrimum*  
*H. rarum*  
*H. revolutum*  
*H. sanguinolentum* agg.  
*H. scabrum*  
*Hypolepis rufobarbata*  
*H. millefolium*  
*Lastreopsis glabella*  
*Leptolepia novae-zelandiae*  
*Leptopteris hymenophylloides*  
*L. superba*  
*L. hymenophylloides* x *L. superba*

- Lindsaea trichomanoides*
- Ophioglossum coriaceum* agg.
- Paesia scaberula*
- Phymatosorus diversifolius*
- P. novae-zelandiae*
- Polystichum silvaticum*
- P. vestitum*
- Pteridium esculentum*
- Pyrosia cleagnifolia*
- Rumohra adiantiformis*
- Sticherus cunninghamii*
- Trichomanes teniforme*
- T. venosum*

**ORCHIDS**

- Aporostylis bifolia*
- Chiloglottis cornuta*
- Corybas trilobus* s.s.
- Eanna autumnalis*
- E. mucronata* s.s.
- Microtis oligantha*
- Prasophyllum colensoi*
- P. sp.* (aff. *P. patens*)
- Pterostylis banksii*
- P. graminea*
- P. sp.* (aff. *P. montana*)
- Thelymitra cyanea*
- T. sp.*

**GRASSES**

- Cortaderia fulvida*
- Deyeuxia aucklandica*
- D. avenoides* (incl. *D. a. var. brachyantha*)
- D. sp.* (*D. quadrisetata* agg.)
- Heterochloa redolens*
- Microlaena avenacea*
- Poa breviglumis*
- Rytidosperma gracile*

**SEDGES**

- Caumea rubiginosa*
- B. tenax*
- Carex dissita* s.s.
- C. echinata* var. (*C. stellulata* var. *australis*)
- C. lessoniana*
- C. testacea* s.s.
- Carpha alpina* s.s.
- Fleocharis gracilis*
- Gahnia procera*
- Lepidosperma australe*
- Oreobolus pectinatus*
- Schoenus maschalinus*
- Isolopis crassiuscula*
- I. distigmata*
- I. habra*
- I. pottsii*
- I. subtilissima*
- Uncinia ferruginea*
- U. filiformis*
- U. gracilentata*
- U. rupestris* (incl. *U. angustifolia*)
- U. uncinata*
- U. zotovii*
- U. sp.* (*U. affinis* sensu Hamlin 1959, non *U. hipatia* var. *affinis* Col. ex Clark)

**RUSHES AND ALLIED PLANTS**

- Centrolepis ciliata*
- Juncus antarcticus*
- J. gregiflorus*
- J. novae-zelandiae*
- J. planifolius*
- Luzula picta* s.s.
- L. subclavata*
- L. sp.* (unnamed; included in *L. picta*, as var. *limosa*, by Edgar 1966)

MONOCOT HERBS OTHER THAN ORCHIDSGRASSES, SEDGES, RUSHES

*Astelia fragrans*  
*A. grandis*  
*A. sp.* (unnamed; aff. *A. nervosa*) (lvs not conspicuously white adaxially as in *A. nervosa*)  
*Colospermum microspermum*  
*Dianella nigra*  
*Herpolition novae-zelandiae*  
*Luzuriaga parviflora*  
*Potamogeton suboblongus*  
*Triglochin striata*

COMPOSITE HERBS

*Celmisia gracilentata* var.  
*C. sp.* (unnamed; aff. *C. gracilentata*)  
*Gnaphalium audax*  
*G. delicatum*  
*G. sphaericum* unnamed;  
*Pseudognaphalium sp.* (aff. *P. luteocal-  
 bom*) (lvs mostly linear-spathulate to linear, acute)  
*Helichrysom filicaule*  
*Anaphalis sp.* (i) (cf. *A. katiensis*)  
*A. sp.* (ii) (unnamed) ("Helichrysom alpinum" of Cockayne 1928)  
*Lagenifera pumila*  
*Raoulia glabra*  
*Senecio minimus*  
*S. rufiglandulosus* var.

DICOT HERBS OTHER THAN COMPOSITES

*Acaena ansetinifolia*  
*Cardamine sp.* (*C. debilis*) ("Long Style" of Pritchard 1957)

*Drosera binata*  
*D. spathulata*  
*Epilobium alsinoides* s.s.

*Gentiana grisebachii* s.s.  
*Geranium microphyllum*  
*G. potentilloides* var. *potentilloides*  
*E. cockayneanum*

*Gonocarpus aggregatus*  
*G. micranthus* ssp. *micranthus*

*Hydrocotyle heteromera*  
*H. microphylla*  
*H. moschata*  
*Jovellana repens*  
*Kelleria dieffenbachii*  
*Nertera ciliata*  
*N. scapanioides*  
*Oreomyrrhis sp.* (*O. colensoi* or *O. tamosa*)  
*Ourtisia macrophylla* var. *robusta*  
*Pratia angulata* agg.  
*Ranunculus amphitrichus*  
*R. reflexus*  
*Stellaria decipiens* (incl. *S. parviflora*)  
*Urtica incisa*  
*Utricularia novae-zelandiae*

*Viola cunninghamii*  
*V. filicaulis*

No. of species: 244.

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Record not accepted: *Polystichum cystostegia* (McKelvey 1963, p. 122)

