

INDIGENOUS VASCULAR PLANTS OF KEEBLE'S BUSH
MANAWATU

Grid ref. N 149 090295; alt. c. 50m.

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July 1979 (revised May 1980, Aug. 1982, Oct. 1983,

(Based on observations 1943-1985)

July 1984,
April 1985,
Oct. 1988,
Sept. 1990)

(unc) - uncommon

(Esler 1962, 1978) - recorded by Esler but not
seen by A.P.D. or R.M.G.

[] - apparently no longer present

GYMNOSPERM TREES

- Dacrycarpus dacrydioides*
- Dacrydium cupressinum*
- Podocarpus totara* s.s.
- Prumnopitys ferruginea*
- P. taxifolia*

- Beilschmiedia tawa*
- Carpodatus serratus* (unc)
- Elaeocarpus dentatus* (incl. *E. d.*
var. obovatus)
- E. hookerianus* (unc)

MONOCOT TREES

- Cordyline australis*
- Rhopalostylis sapida* (unc - juv.
only)

- [*Fuchsia excorticata*]
- Griselinia lucida* (unc)
- Hedycahya arborea*
- Holartica populnea* var. *sexstylosa*
- Knightia excelsa*

DICOT TREES

- Alectryon excelsus* var. *excelsus*
- Aristotalia serrata* (unc)

- Lautelia novae-zelandiae* (unc)
- Lophomyrtus bullata* (unc)
- L. obovata* (Esler 1962)
- L. bullata* x *L. obovata* (unc)

Macropiper excelsum var. excelsum	DICOT SHRUBS
Melicocytus ramiflorus ssp. ramiflorus	Brachyglottis repanda s.s.
Metrosideros robusta (unc)	
Mida salicifolia (incl. M.s. var myrtifolia) (unc)	Coprosma areolata
Myoporum laetum var. laetum (unc)	C. crassifolia (unc)
Myrsine australis	C. grandifolia
M. salicina (unc)	C. lucida s.s. (unc)
Nestegis cunninghamii (unc)	C. propinqua ssp. propinqua (incl. C.p. var. latiuscula) (unc)
N. lanceolata	C. rhamnoides ssp. rhamnoides (incl. C. polymorpha) (unc)
Olearia rani var. colorata (unc)	C. robusta
	C. rotundifolia
Pennantia corymbosa	C. tenuicaulis (unc)
Pittosporum eugenoides	C. propinqua x C. robusta
P. tenuifolium ssp. tenuifolium	Coriaria arborea (unc)
Plagianthus regius var. regius (unc)	Fuchsia excorticata x F. petscandens (unc)
Pseudopanax arboreus var. arboreus (unc)	Geniostoma rupestre var. ligustrifolium
P. crassifolius	Hebe stricta var. stricta (unc)
Schefflera digitata	Kortalsella lindsayi s.s. (unc)
Sophora microphylla (unc - juv. only)	Kunzea ericoides var. (unc)
Streblus heterophyllus	Leptospermum scoparium var. (unc)
Syzygium maire (unc)	
	Melicope simplex
Waimannia racemosa var. racemosa	Melicocytus micranthus (incl. M.m. var. microphyllus)
	M.m. x M. ramiflorus (unc)
	Neomyrtus pedunculata (unc)

Olearia solandri (unc)
O. virgata var. *virgata* (unc)
(incl. *O. v.* var. *ramuliflora*)
Pittosporum cornifolium (unc)
Pseudowintera axillaris (unc)
Solanum aviculare var. *aviculare*

Urtica ferox (unc)

MONOCOT LIANES

Freylinia baueriana ssp.
banksii
Ripogonum scandens

DICOT LIANES

Calystegia tugatorum
Clematis foetida
C. paniculata
Fuchsia perscandens
Metrosideros colensoi (incl. *M. c.*
var. *pendens*) (unc)
M. diffusa
M. fulgens (Esler 1962, as *M. scandens*)
M. perforata
Muehlenbeckia australis
M. a. X *M. complexa* (unc)
Parsencia heterophylla
Passiflora tetrandra
Rubus australis (unc)
R. cissoides (Esler 1962, 1978)
R. schmidlioides var. *schmidlioides*
R. squarrosus (Esler 1962)

PSILOPSIDS AND LYCOPODS

Tinospora elongata (incl. *T. e.* ssp.
robusta) (unc)
Lycopodium varium (incl. *L. billard-*
ierei and *L. novae-zelandicum*) (unc)

FERNS

Adiantum cunninghamii (unc)
A. formosum
Anathopteris lanceolata (unc)
Asplenium bulbiferum
A. flaccidum
A. gracillimum
A. oblongifolium
A. polyodon
A. flaccidum X *Asp.* (*A. bulbiferum*
or *A. gracillimum*) (unc)
Blechnum chambersii
B. discolor
B. filiforme
B. fluviale agg.
B. membranaceum
B. sp. (unnamed) (common lowland
sp.; lower pinnae reduced in length)
B. chambersii X *B. membranaceum*
Cyathea dealbata
C. medullaris (unc)
Dicksonia squarrosa
Diplazium australe (unc)

GRASSES

- Hymenophyllum denissum
- H. dilatatum (Esler 1962)
- H. flabellatum
- H. flexuosum (unc)
- H. revolutum (unc)
- H. sanguinolentum agg.
- H. scabrum (Esler 1962, 1978)

- Coitadella teetoe (unc)
- Microlaena avenacea
- M. polynoda (unc)
- M. stipoides
- Rytidosperma unatade

- Hypolepis ambigua
- Lastreopsis glabella
- L. hispida (unc)
- L. microsora ssp. pentangulatis
- Leptopteris hymenophylloides
- Paesia scaberula (unc)
- Pellaea falcata
- P. rotundifolia
- Phymatosorus diversifolius
- P. scandens
- Pneumatopteris pennigera
- Polystichum richardii
- Pteridium esculentum
- Pteris tremula (unc)
- Renolita adiantifolius (unc)
- Trechomanes venosum

SEDGES

- Carex dipsacea var. dipsacera
- C. dissita s.s.
- C. lambertiana
- C. maotica
- C. secta s.s.
- C. solandri
- C. virgata
- C. sp. (i) (cf. C. geminata) (unc)
- C. sp. (ii) (unnamed; aff. C. geminata) (much larger than C. geminata; lvs upto 2.5 cm wide)
- Cyperus ustulatus (unc)
- Eleocharis acuta
- Gahnia pauciflora (unc)
- G. setifolia (unc)
- Isolepis inundata
- I. reticulatis
- Scheenus maschaliius (unc)
- Uncinia banksii
- U. distans
- U. scabra (unc)
- U. uncinata

ORCHIDS

- Dendrobium cunninghamii (unc)
- Drymoanthus adversus (unc)
- Eatonia autumnalis
- E. mucronata s.s.
- Gastrodia cunninghamii (unc)
- Microtis unifolia (unc)
- Orthoceras novae-zeelandiae (unc)
- Thelymitra longifolia (unc)

RUSHES

- Juncus australis
- J. gragiflorus
- J. sarophorus
- Luzula picta s.s. (unc)

- Myriophyllum propinquum (unc)
- Oxalis exilis
- Parietaria debilis
- Pratia angulata agg.
- Ranunculus amphitrichus (unc)

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

- Arthropodium candidum (unc)
- Astelia fragrans
- A. solandri (unc)
- Colospermum hastatum
- Dianella nigra
- Lemna sp. (L. minor var?)

Stellaria decipiens (incl. S. parviflora)

Urtica incisa

No. of species: 187.

COMPOSITE HERBS

- Senecio minimus (Esler 1962, as Erechtites prenanthoides)

REFERENCES

Esler, A.E. 1962: Forest remnants of the Manawatu lowlands. Jl. Roy. N.Z. Inst. Hort. 4: 255-68.
 ——— 1978: "Botany of the Manawatu". D.S.I.R. Inf. Ser. 127. 206 pp.

DICOT HERBS (OTHER THAN COMPOSITES)

- Acaena anserinifolia (unc)
- Australina pusilla (unc)
- Cardamine sp. (C. debilis agg) ("Long-Style" of Pritchard 1956)
- Dicliandra sp. (unnamed) (slender; fls small) (unc)
- Epilobium heteroides (unc)
- E. rotundifolium (unc)
- Haloragis erecta ssp. erecta (unc)
- Hydrocotyle elongata
- H. heteromaria
- H. moschata (Esler 1962)

Pritchard, G.C. 1957: Experimental taxonomic studies on species of Cardamine Linn. in N.Z. Trans. Roy. Soc. N.Z. 85: 75-80.

DOUBTFUL AND ERRONEOUS RECORDS OF ESLER (1962)

- Astelia nervosa (= A. fragrans)
- Carex tetnaria (= C. sp. a &/or C. sp. b)
- Hebe salicifolia (= H. stricta var. stricta)
- Hydrocotyle dissecta (= H. elongata)
- Scirpus cornuus (= Isolepis reticularis)
- Tmesipteris tannensis (= T. elongata)
- Uncinia clavata
- U. laxiflora

SUPPLEMENT TO LIST 188 (INDIGENOUS VASCULAR PLANTS
OF KEEBLE'S BUSH, MANAWATU)

IMPORTANT WEEDS

(i.e. those actually or potentially of concern in the
management of the reserve)

- Acacia dealbata - tending to spread
- * Allium triquetrum - a couple of patches
- * Berberis glaucocarpa - occasional young plants
- Calystegia sepium ssp. - in floodable areas near willows
- * Clematis vitalba - several plants
- * Iris foetidissima - occasional
- * Lonicera japonica - many plants on lead side of bush
- Pittosporum crassifolium - several young plants
- Rubus fruticosus agg. - several patches, and appears to be
increasing in some fairly open areas in bush
- Salix fragilis - spreading along stream where it enters the bush
- Sambucus nigra - many plants, particularly under old podocarps
- Solanum dulcamara - occasional
- S. pseudocapsicum - throughout
- * Tradescantia fluminensis - many patches in floodable areas
throughout

* removal of these species is underway (April 1985)