

WANGANUI PLANT LIST NO. 28A

**Higher plants of Paengaroa Scenic Reserve, Mataroa and adjoining DoC-managed land,
north-west of Taihape, 510-706m (Grid ref. NZMS260, T21/435700).**

A P Druce & C C Ogle

Last revised: 14 January 2000

Species in bold are found also in Dean Burn, western Southland (B Rance, G Rogers)

Based upon Plant List No. 171 of A P Druce, Botany Division, DSIR.

Up-dated by C C Ogle, Department of Conservation, Wanganui (additions of indigenous plants since 1989, plus adventive plants and common names).

* = adventive species

unc = uncommon (only one or a few individuals seen, or a very localised colony)

Gymnosperm Trees

Dacrycarpus dacrydioides

Dacrydium cupressinum (unc)

Libocedrus bidwillii (unc)¹

Podocarpus hallii (unc)

P. totara s.s.

Prumnopitys ferruginea (unc)

P. taxifolia

kahikatea

rimu

pahautea (kaikawaka)

Hall's totara

totara

miro

matai

Monocot Tree

Cordyline australis

cabbage tree, ti kouka

Dicot Trees

* Acer pseudoplatanus²

Aristotelia serrata

Beilschmiedia tawa³

Carpodetus serratus

Elaeocarpus hookerianus

* Euonymus europaeus

Fuchsia excorticata (unc)

Griselinia littoralis

Hoheria angustifolia

H. populnea var. lanceolata

H. angustifolia x H. populnea (unc)

* Ilex aquifolium (unc - seedlings only)

* Ligustrum vulgare (unc)

Lophomyrtus obcordata

Melicytus lanceolatus (incl. M.l. var. latior)

M. ramiflorus ssp. ramiflorus

Myrsine australis (unc)

Nestegis cunninghamii

sycamore

wineberry, makomako

tawa

putaputaweta

pokaka

spindleberry

kotukutuku

broadleaf, puka

narrow-leaved lacebark

lacebark

holly

common privet

rohutu

narrow-leaved mahoe

mahoe

mapou

black maire

¹ Single tree found Jan 1997

² Eradication of woody weeds began in earnest in 1995, though seedlings of many had been removed during ivy control since 1990.

³ One juv. ; 26.8.99

N. lanceolata	white maire
Olearia rani var. colorata (unc)	heketara
Pennantia corymbosa	kaikomako
Pittosporum eugenoides	lemonwood, tarata
P. tenuifolium ssp. tenuifolium	kohuhu
Plagianthus regius var. regius	ribbon wood
* Prunus laurocerasus	cherry laurel
* P. sp (P. cerasifera?).	plum
Pseudopanax arboreus var. arboreus	five finger
P. crassifolius	lancewood, horoeka
* Salix fragilis	crack willow
* S. X reichardtii (unc)	pussy willow
* Sambucus nigra	elderberry
Schefflera digitata	pate
Sophora microphylla	kowhai
* Sorbus aucuparia	rowan
Streblus heterophyllus	small-leaved milk tree

Dicot Shrubs

Alseuosmia pusilla	
Aristolelia fruticosa var. microphylla	mountain wineberry
A. fruticosa x A.serrata (unc)	
Brachyglottis repanda s.s.	rangiora
* Berberis glaucocarpa (unc)	barberry
Carmichaelia australis var. (incl. C. flagelliformis and C. hookeri)	NZ broom
Coprosma crassifolia (unc)	
C. grandifolia	kanono, raurekau
C. linariifolia	
C. lucida s.s.	shining karamu
C. obconica ssp. obconica	
C. propinqua ssp. propinqua (incl. C.p. var. latiuscula)	
C. rhamnoides ssp. rhamnoides (incl. C. polymorpha)	
C. rigida	
C. robusta	karamu
C. rotundifolia	
C. rubra	
C. tenuifolia	
C. virescens	
C. wallii	
C. sp. (unnamed; included in C. parviflora by Oliver, 1935, and others). (Leaf under- surface not minutely hairy as is usual in C. parviflora; drupes usually unpigmented, occ. purplish red or yellow)	
C. propinqua x C. robusta (unc)	
C. propinqua x C. tenuifolia (unc)	
Coriaria arborea (unc)	tutu
Corokia cotoneaster var. cotoneaster	korokio
* Cotoneaster franchetii	cotoneaster

* <i>C. simonsii</i>	cotoneaster
* <i>Cytisus scoparius</i>	broom
Fuchsia excorticata x F. perscandens (unc)	
<i>Gaultheria antipoda</i> (unc)	snowberry
<i>Hebe stricta</i> var. <i>stricta</i>	koromiko
<i>Helichrysum aggregatum</i> var. <i>aggregatum</i> (unc)	
<i>Korthalsella lindsayi</i> s.s. (unc) ⁴	
K. clavata (unc) ⁵	
<i>Kunzea ericoides</i> var. (unc)	kanuka
Leptospermum scoparium var.	manuka
<i>Leucopogon fasciculatus</i> (unc)	mingimingi
* <i>Leycesteria formosa</i> (unc)	Himalayan honeysuckle
* <i>Lupinus arboreus</i> (unc)	shrub lupin
* <i>Mahonia</i> sp (unc)	
Melicope simplex	poataniwha
Melicytus flexuosus	flexuose mahoe
<i>M. micranthus</i> (incl <i>M.m.</i> var. <i>microphyllus</i>)	small-leaved mahoe
<i>M. micranthus</i> x <i>M. ramiflorus</i> (unc)	
<i>M. flexuosus</i> x <i>M. lanceolatus</i> (unc)	
Myrsine divaricata s.s.	weeping mapou
Neomyrtus pedunculata	
<i>Olearia hectorii</i> var. (= <i>O. gardneri</i>) (unc)	
<i>O. solandri</i>	
<i>O. virgata</i> var. <i>virgata</i> (incl. <i>O v.</i> var. <i>ramuliflora</i>)	
Pittosporum obcordatum (unc)	
Pseudopanax anomalus	
Pseudowintera colorata	horopito
* <i>Ribes uva-crispa</i>	gooseberry
* <i>R. alba</i>	red currant
* <i>Symphoricarpos albus</i> (unc)	snowberry bush
<i>Teucrium parvifolium</i> (incl. <i>T. p.</i> var. <i>luxurians</i>)	
Tupeia antarctica ⁶ (unc)	pirita (a mistletoe)
<i>Urtica ferox</i> (unc)	shrub nettle, ongaonga

Dicot Lianes

<i>Brachyglottis sciadophila</i> (unc)	
<i>Calystegia tuguriorum</i>	convolvulus
<i>Clematis foetida</i>	
<i>C. forsteri</i>	
<i>C. paniculata</i> (unc)	
Fuchsia perscandens	climbing fuchsia
* <i>Hedera helix</i> ⁷	ivy

⁴ On *Melicope simplex*, *Coprosma obconica*, *C. linariifolia*, *C. virescens* (and on *Lophomyrtus*, on private land near the reserve)

⁴ On *Coprosma wallii*, *C. propinqua* and *Muehlenbeckia australis* (and maybe *Myrsine divaricata* - a single minute mistletoe was found on one shrub of *M. divaricata*).

⁶ Listed by Druce (1978, revised 1990) but first seen by DoC in Oct 1996, as young shoots on branches of many of the large trees of *Nestegis cunninghamii*; found on windfall *Pittosporum eugenioides* on 4 March 1997.

Metrosideros colensoi (incl. M. c. var. pendens) (unc)	white rata vine
M. diffusa (unc)	white rata vine
Muehlenbeckia australis	pohuehue
M. complexa (unc)	small-leaved pohuehue
M. australis x M. complexa (unc)	
Parsonia capsularis	NZ jasmine
P. heterophylla (unc)	NZ jasmine
Rubus cissoides var. (leaflets narrower than in var. cissoides)	lawyer
* R. fruticosus agg.	blackberry
R. schmidelioides var. schmidelioides	lawyer
R. squarrosus (unc)	leafless lawyer
* Solanum dulcamara	bittersweet
* Tropaeolum speciosum	Chilean flame creeper

Lycopods

Lycopodium varium (incl. billardierei and L. novo-zelandicum)(unc)	club moss
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Ferns

Adiantum cunninghamii (unc)	maidenhair fern
Asplenium bulbiferum s.s. (unc)	hen-and-chicken fern
A. colensoi (unc)	
A. flabellifolium agg. (unc)	necklace fern
A. flaccidum	hanging spleenwort
A. gracillimum	
A. hookerianum (unc)	
A. oblongifolium (unc)	shining spleenwort
A. polyodon	sickle spleenwort
A. flaccidum x A. gracillimum (unc)	
Blechnum chambersii	
B. colensoi (unc)	
B. fluviatile agg.	
B. membranaceum (unc)	
B. minus (of NZ authors) (unc)	swamp kiokio
B. novae-zelandiae	kiokio
B. penna-marina	
B. triangularifolium	cliff kiokio
B. vulcanicum (unc)	
B. chambersii x B. membranaceum	
Botrychium biforme (unc)	parsley fern
Ctenopteris heterophylla	
Cyathea dealbata (unc)	ponga
C. medullaris (unc)	mamuka
C. smithii (unc)	katote, soft tree fern

⁷ Eradication commenced Oct. 1990

Dicksonia fibrosa	wheki-ponga
D. squarrosa (unc)	wheki
Diplazium australe (unc)	
Grammitis billardierei (unc)	
G. ciliata (unc)	
Histiopteris incisa (unc)	water fern
Hymenophyllum flabellatum (unc)	filmy fern
H. multifidum (unc)	filmy fern
H. rarum (unc)	filmy fern
H. villosum ⁸	
Hypolepis millefolium	
H. rufobarbata (unc)	
Lastreopsis glabella (unc)	
Leptopteris hymenophylloides	
L. superba (unc)	Prince of Wales feathers
Paesia scaberula	ring fern
Pellaea rotundifolia	button fern
Phymatosorus pustulatus	hound's tongue
Pneumatopteris pennigera	
Polystichum richardii	hard shield fern
P. silvaticum	
P. vestitum	
Pteridium esculentum	bracken
Pyrrosia eleagnifolia	leather-leaf fern
Trichomanes venosum (unc)	bristle fern

Orchids

Corybas macranthus (unc)	spider orchid
C. sp. (unidentified; listed as C. rivularis by Druce(unc)	spider orchid
C. trilobus s.s. (unc)	spider orchid
Earina autumnalis	
E. mucronata s.s.	
Gastrodia cunninghamii (unc)	purei
Microtis unifolia	onion-leaved orchid
Pterostylis banksii (unc)	green hood orchid
P. sp. (unnamed; aff. P. montana)	green hood orchid
Thelymitra longifolia (unc)	sun orchid

Grasses

Anemanthele lessoniana (unc)	wind grass
* Anthoxanthum odoratum	sweet vernal
Cortaderia fulvida	toetoe
* Dactylis glomerata	cocksfoot
Dichelachne crinita (unc)	plume grass
Echinopogon ovatus	hedghegog grass
* Festuca arundinacea	tall fescue
* Holcus lanatus	Yorkshire fog

⁸ A P Druce recorded "*Hymenophyllum sanguinolentum* agg". As this may have been *H. villosum*, only the latter species is retained in this list in the meantime .

Microlaena avenacea	bush rice grass
M. stipoides	meadow rice grass
Poa anceps ssp. anceps	
P. imbecilla	
P. matthewsii	
* P. trivialis	
Rytidosperma clavatum	danthonia
R. unarede	danthonia
Stenostachys gracilis (unc)	
Trisetum lepidum	

Sedges

Carex breviculmis (unc)	
C. dissita s.s.	
C. flagellifera	
C. forsteri	
C. geminata s.s.	
C. inversa (unc)	
C. lambertiana	
C. secta s.s. (unc)	
C. solandri	
C. virgata	
Eleocharis acuta (unc)	sharp spike edge
Isolepis habra (unc)	
I. pottsii (unc)	
I. reticularis	
Uncinia affinis?	
U. distans	
U. ferruginea	hook grass
U. laxiflora	hook grass
U. rupestris (incl. U. angustifolia)(unc)	hook grass
U. scabra	hook grass
U. uncinata	hook grass

Rushes

Juncus australis	
J. distegus	
J. gregiflorus	
J. pallidus (unc)	
J. sarophorus (unc)	
Luzula picta s.s.	wood rush
L. subclavata (unc)	wood rush

Monocot Herbs (other than Orchids, Grasses, Sedges, Rushes)

Arthropodium candidum	
Astelia fragrans	
Collospermum microspermum	
* Crocosmia x crocosmiiflora	montbretia
Dianella nigra (unc)	
* Iris foetidissima (unc)	stinking iris

Libertia ixioides (unc)
Phormium cookianum
P. tenax (unc)

bush iris
mountain flax, wharariki
flax, harakeke

Composite Herbs

Anaphalioides trinervis (unc)

A. subrigida (unc)

* Arctium minus

burdock
cudweed

Gnaphalium gymnocephalum (unc)

G. limosum s.s. (unc)

cudweed
catsear

* Hypochoeris radicata

Lagenifera pumila (unc)

L. strangulata (unc)

* **Mycelis muralis**

wall lettuce
cudweed

Pseudognaphalium sp. (P. luteoalbum agg.)(lvs
mostly linear-spathulate to linear, acute)(incl.
Gnaphalium luteoalbum var. incanum)

Senecio minimus (unc)

S. rufiglandulosus var. rufiglandulosus

* Taraxacum officinale

dandelion

Dicot Herbs (Other than Composites)

Aciphylla sp. (unnamed; aff. A. squarrosa) (unc)

spear grass

Acaena anserinifolia

bidibidi (piripiri)

A. juvenca

bidibidi (piripiri)

Australina pusilla

Callitriche petriei ssp. petriei

Cardamine sp. (i)(C. debilis agg.)

("Narrow Petal" of Pritchard 1957) ?(C. debilis)

C. sp. (ii)(C. debilis agg.)(*"Long Style"* of
Pritchard)

C. sp. (iii)(cf. C. corymbosa)

* Conium maculatum

hemlock
willow herb

Epilobium alsinoides s.s. (unc)

E. insulare (ovate-lvd form - see Raven & Raven,
1976, p. 158)(unc)

willow herb
willow herb

E. nerteroides (unc)

E. nummulariifolium (unc)

willow herb

E. pedunculare (unc)

willow herb

E. rotundifolium

willow herb

* Galium aparine

cleavers

Geranium microphyllum (unc)

Gonocarpus aggregatus (unc)

Haloragis erecta ssp. erecta (unc)

Hydrocotyle elongata

pennywort

H. heteromeria

pennywort

H. moschata (unc)

pennywort

H. novae-zeelandiae s.s. (unc)

* *Mentha spicata* subsp. *spicata*

* *Mimulus guttatus*

Myosotis sp. (cf. *M. forsteri*)(unc)

***Nertera depressa* (incl. *N. cunninghamii*)(unc)**

Oxalis exilis

O. magellanica agg. (unc)

Parietaria debilis (unc)

*Pelargonium inodorum*⁹

* *Pentaglottis sempervirens* (unc)

Plantago raoulii var. (lvs narrowly elliptic)

Pratia angulata agg.

Ranunculus reflexus (unc)

* ***R. repens***

* *Rumex crispus*

***R. flexuosus* (unc)**

***Schizeilema trifoliolatum* (unc)**

***Stellaria decipiens* (incl. *S. parviflora*)**

Urtica incisa

Viola filicaulis

***V. lyallii* (unc)**

Wahlenbergia rupestris (unc)

pennywort

spearmint

monkey musk

forget-me-not

alkanet

bush buttercup

creeping buttercup

curled dock

NZ dock

NZ chickweed

nettle

NZ violet

NZ violet

harebell

Total indigenous species of Paengaroa Scenic Reserve (incl. Te Kapua Conservation Area and the adjoining road reserve) = 242

Additional indigenous species in nearby forest remnants (these species are listed in Druce's plant list 171, but are probably not in Paengaroa SR)

Ferns

Azolla filiculoides

Hypolepis ambigua

Sedge

Carex maorica

Other monocot herbs

Lemna sp. (L. minor auct. NZ)

Wolffia australiana

Dicot herbs

Lagenifera petiolata

Ranunculus sp. (*R. amphitrichus* or *R. glabrifolius*)

Pelargonium inodorum

Total of indigenous species in and around forest remnants of the Mataroa area = 249

⁹ 1 plant found Dec. 1999, on edge of new track from Mataroa village to the footbridge. Presumably adventive to this site, though it's not a common species in the region.