

WANGANUI PLANT LIST NO. 131

**Higher plants of forest in the Ngawaka Stream catchment,  
north of Paengaroa Road and east of SH1, NNW of Taihape**

480-600 m (Grid ref. NZMS260, T21/475723).

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C Ogle, V Nicholls, G La Cock, P Leigh  
Dept. of Conservation, Wanganui

*Vegetation notes* in SSBI database (T21/H007)

\* = adventive species

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

Gymnosperm Trees

Dacrycarpus dacrydioides	kahikatea
Podocarpus totara s.s.	totara
Prumnopitys taxifolia	matai

Monocot Tree

Cordyline australis	cabbage tree, ti kouka
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Dicot Trees and Shrubs

Aristotelia fruticosa var. microphylla	mountain wineberry
Aristotelia serrata	wineberry, makomako
Brachyglottis repanda s.s.	rangiora
Carmichaelia australis var. (incl. C. flagelliformis and C. hookeri)	NZ broom
Carpodetus serratus	putaputaweta
Coprosma areolata <sup>1</sup>	
Coprosma crassifolia	
Coprosma linariifolia	
Coprosma lucida s.s.	shining karamu
Coprosma obconica ssp. obconica	
Coprosma propinqua ssp. propinqua	
Coprosma rhamnoides ssp. rhamnoides (incl. C. polymorpha)	
Coprosma rigida	
Coprosma robusta	karamu
Coprosma rotundifolia	round-leaved coprosma
Coprosma rubra	
Coprosma virescens	
Coprosma wallii	
Coprosma propinqua x C. robusta (unc)	
Corokia cotoneaster var. cotoneaster	korokio
* Cotoneaster franchetii <sup>2</sup>	cotoneaster
Elaeocarpus hookerianus (unc) <sup>3</sup>	pokaka
Fuchsia excorticata (unc)	kotukutuku
Griselinia littoralis	broadleaf, puka

<sup>1</sup> About 4 shrubs seen; not known in Paengaroa SR and only one shrub in Taihape SR – common in lowlands further south

<sup>2</sup> Not seen in the forest; present as large shrubs near the forest edge just north of Paengaroa Road.

<sup>3</sup> Three shrubs seen, each 3-4 m tall with divaricating lower branches and adult tops (no seedlings or fully adult trees)

Hebe stricta var. stricta	koromiko
Helichrysum aggregatum var. aggregatum	a shrub daisy
Hoheria angustifolia	narrow-leaved lacebark
Hoheria populnea var. lanceolata	lacebark
Hoheria angustifolia x H. populnea (unc)	
Korthalsella lindsayi s.s. <sup>4</sup>	dwarf mistletoe
Kunzea ericoides var.	kanuka
Leptospermum scoparium var.	manuka
Leucopogon fasciculatus	mingimingi
Lophomyrtus obcordata	rohutu
Melicope simplex	poataniwha
Melicytus lanceolatus (unc)	narrow-leaved mahoe
Melicytus micranthus	small-leaved mahoe
Melicytus ramiflorus	mahoe
Myrsine australis (unc)	mapou
Myrsine divaricata s.s.	weeping mapou
Neomyrtus pedunculata	
Nestegis cunninghamii	black maire
Nestegis lanceolata	white maire
Olearia gardneri (unc) <sup>5</sup>	a tree daisy
Pennantia corymbosa	kaikomako
Pittosporum tenuifolium ssp. tenuifolium	kohuhu
Plagianthus regius var. regius	ribbon wood
Pseudopanax (Raukaua) anomalus	
Pseudopanax arboreus var. arboreus	five finger
Pseudopanax crassifolius	lancewood, horoeka
Pseudowintera colorata (unc)	horopito
* Ribes uva-crispa (unc)	gooseberry
* Sambucus nigra (unc) <sup>6</sup>	elderberry
Sophora microphylla <sup>7</sup>	kowhai
Sophora sp. (unnamed; aff. S.microphylla) <sup>3</sup>	kowhai
Urtica ferox (unc)	shrub nettle, ongaonga

### Dicot Lianes

Calystegia tuguriorum	convolvulus
Clematis foetida	scented clematis
Clematis forsteri	
Fuchsia perscandens	climbing fuchsia
Muehlenbeckia australis	pohuehue
Parsonsia capsularis	NZ jasmine
Parsonsia heterophylla (unc)	NZ jasmine
Rubus cissoides var. (? leaflets narrower than in var. cissoides) (unc)	lawyer
Rubus schmidelioides var. schmidelioides	lawyer

<sup>4</sup> On *Melicope simplex*, *Coprosma areolata*, *C. crassifolia*, *C. rotundifolia*, *Lophomyrtus obcordata*, *Myrsine divaricata*.

<sup>5</sup> 2 shrubs seen on low bank close to Ngawaka Stream (approx. grid 473722)

<sup>6</sup> All plants seen were < 1m tall, except for one 2-m shrub; all were eradicated.

<sup>7</sup> Pending the publication in 2001 (Heenan and de Lange, in press) of a taxonomic revision of *Sophora*, we list provisionally two species of kowhai. One (what we regard here as *S. microphylla*) has divaricating juveniles, trees not markedly weeping and leaflets with almost hairless upper surfaces. The species listed here as unnamed appears to have non-divaricating juveniles, a markedly weeping adult form and upper leaflet surfaces with dense cover of fine erect hairs. The latter is far more abundant in this forest than the former.

Rubus squarrosus (unc) leafless lawyer  
\* Solanum dulcamara bittersweet

### Ferns

Asplenium flabellifolium agg. (unc) necklace fern  
Asplenium flaccidum hanging spleenwort  
Asplenium gracillimum  
Asplenium hookerianum  
Blechnum chambersii  
Blechnum fluviatile agg.  
Blechnum membranaceum (unc)  
Blechnum novae-zelandiae kiokio  
Blechnum penna-marina (unc)  
Dicksonia fibrosa wheki-ponga  
Dicksonia squarrosa (unc) wheki  
Histiopteris incisa water fern  
Hypolepis ambigua  
Paesia scaberula (unc) ring fern  
Pellaea rotundifolia button fern  
Phymatosorus pustulatus hound's tongue  
Pneumatopteris pennigera  
Polystichum richardii hard shield fern  
Polystichum silvaticum  
Polystichum vestitum (unc) prickly shield fern  
Pteridium esculentum bracken  
Pyrrosia eleagnifolia leather-leaf fern

### Orchids

Corybas macranthus (unc) spider orchid  
Corybas trilobus s.s. (unc) spider orchid  
Earina mucronata s.s. (unc) a perching orchid  
Gastrodia cunninghamii (?) (unc)  
Microtis unifolia (unc) onion-leaved orchid  
Pterostylis banksii (?) (unc) green hood orchid

### Grasses

\* Anthoxanthum odoratum sweet vernal  
Cortaderia fulvida toetoe  
\* Dactylis glomerata cocksfoot  
Echinopogon ovatus hedgehog grass  
\* Festuca arundinacea tall fescue  
\* Holcus lanatus Yorkshire fog  
Poa anceps ssp. anceps  
Poa imbecilla (unc)  
Poa matthewsii  
\* Rytidosperma racemosum danthonia

### Sedges

Carex forsteri (unc)

Carex geminata s.s.	
Carex secta s.s. (unc)	purei
Carex solandri	
Uncinia laxiflora	hook grass
Uncinia scabra	hook grass

### Rush

Juncus gregiflorus

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

Arthropodium candidum	
Astelia fragrans	
Lemna sp. (L. minor auct. NZ)	
Phormium cookianum	mountain flax, wharariki
Potamogeton cheesemani <sup>8</sup>	pond-weed
* Potamogeton crispus <sup>8</sup>	curled pondweed

### Composite Herbs

* Arctium minus	burdock
* Cirsium arvense	Californian thistle
* Cirsium vulgare	Scotch thistle
Gnaphalium gymnocephalum	cudweed
* Mycelis muralis	wall lettuce
* Leucanthemum vulgare	ox-eye daisy
Pseudognaphalium sp. (P. luteoalbum agg.)(lvs mostly linear-spathulate to linear, acute)(incl. Gnaphalium luteoalbum var. incanum) (unc)	cudweed
* Senecio jacobaea	ragwort
Senecio rufiglandulosus var. rufiglandulosus	

### Dicot Herbs (Other than Composites)

Acaena anserinifolia	bidibidi (piripiri)
Acaena juvenca	bidibidi (piripiri)
Cardamine sp. (i)(C. debilis agg.) ("Narrow Petal" of Pritchard 1957)	
Cardamine sp. (ii)(C. debilis agg.)("Long Style" of Pritchard) (unc)	

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<sup>8</sup> In stock pond in pasture, but bush fragments nearby

* <i>Conium maculatum</i>	hemlock
<i>Dichondra brevifolia</i> agg. <sup>9</sup>	
<i>Epilobium nummulariifolium</i> (unc)	willow herb
<i>Epilobium rotundifolium</i>	willow herb
* <i>Galium aparine</i>	cleavers
<i>Geranium microphyllum</i> (unc)	
<i>Hydrocotyle elongata</i>	pennywort
<i>Hydrocotyle heteromeria</i> (unc)	pennywort
* <i>Mentha pulegium</i>	penny royal
* <i>Myosotis laxa</i>	water forget-me-not
<i>Oxalis exilis</i>	
<i>Pratia angulata</i> agg. (unc)	
* <i>Ranunculus repens</i>	creeping buttercup
<i>Rumex flexuosus</i> (unc)	NZ dock
<i>Urtica incisa</i>	nettle
<i>Wahlenbergia violacea</i> (unc)	harebell

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<sup>9</sup> One patch; not recorded in Paengaroa SR