

WANGANUI PLANT LIST NO 75

VASCULAR PLANTS AND VEGETATION OF RIVER TERRACES¹ BESIDE RETURUKE RIVER, UPPER RETURUKE ROAD, OWHANGO

C Ogle, J Barkla, W Hutchinson, S McGill, R Bishop
Department of Conservation
Wanganui

Visit: 13 September 1994

- ¹ Centred on NZMS 260/S19/042309; 200 m a.s.l.
a = abundant; c = common; o = occasional; u = uncommon; l = local (common or abundant in limited area)
* denotes adventive species; j = juvenile(s) only

GYMNOSPERMS

<i>Dacrycarpus dacrydioides</i>	kahikatea	a
<i>Dacrydium cupressinum</i>	rimu	u
<i>Podocarpus totara</i>	totara	a
<i>Prumnopitys taxifolia</i>	matai	c

DICOT TREES AND SHRUBS

<i>Alseuosmia pusilla</i>		(j) u
<i>Beilschmiedia tawa</i>	tawa	(j) u
<i>Brachyglottis repanda</i>	rangiora	
<i>Carmichaelia cunninghamii</i> var. (<i>C. aligera</i>)	NZ broom	u
<i>Carpodetus serratus</i>	putaputaweta	o
<i>Coprosma lucida</i>	shining karamu	lc
<i>C. rhamnoides</i>		la
<i>C. rigida</i>		c
<i>C. robusta</i>	karamu	u
<i>C. rotundifolia</i>	round-leaved coprosma	o
<i>C. rubra</i>		u
<i>Dracophyllum strictum</i>		u
<i>Elaeocarpus hookerianus</i>	pokaka	c
<i>Fuchsia excorticata</i> X <i>F. perscandens</i>		u
<i>Gaultheria antipoda</i>	snowberry	u
<i>G. paniculata</i>		lc
<i>G. antipoda</i> X <i>G. paniculata</i>		u
<i>Geniostoma rupestre</i> subsp. <i>ligustrifolium</i>	hangehange	u
<i>Griselinia littoralis</i>	puka, broadleaf	u
<i>Hebe stricta</i> var. <i>stricta</i>	koromiko	u

Hedycarya arborea	pigeonwood	u
Hoheria populnea var.	houhere, lacebark	o
Kunzea ericoides	kanuka	o
Leptospermum scoparium	manuka	lc
Leucopogon fasciculatus	mingimingi	lc
L. fraseri	patotara	lc
* Leycesteria formosa	Himalayan honeysuckle	u
* Ligustrum lucidum	shining privet	u
Melicope simplex	poataniwha	a
Melicytus lanceolatus	narrow-leaved mahoe	(j) u
Neomyrtus pedunculatus		c
Nestegis lanceolata	white maire	o
Olearia rani	heketara	u
Pennantia corymbosa	kaikomako	c
Pittosporum tenuifolium		
var. colensoi	kohuhu	u
Plagianthus regius	ribbonwood	u
Pseudopanax anomalus		a
P. arboreus	five-finger	u
P. crassifolius	lancewood, horoeka	c
Streblus heterophyllus	turepo, small-leaved milktree	o
Weinmannia racemosa		
ssp. racemosa	kamahi	u

DICOT LIANES

Clematis foetida		o
C. forsteri		u
Fuchsia perscandens	climbing fuchsia	c
* Lonicera japonica	Japanese honeysuckle	u
Metrosideros colensoi	white rata vine	o
Muehlenbeckia australis	pohuehue	u
Parsonsia capsularis	NZ jasmine	o
P. heterophylla	NZ jasmine	u
Rubus cissoides var. (narrow-leaved)	bush lawyer	u
R. schmidelioides	bush lawyer	c

DICOT HERBS

Acaena anserinifolia	bidibid, piripiri	u
Australina pusilla		u
* Callitriche stagnalis	starwort	u
Cardamine sp. (C. debilis agg.)	NZ bittercress	c
* Cirsium palustre	marsh thistle	lc
* Digitalis purpurea	foxglove	o
Drosera peltata ssp.		
auriculata	sundew	u

<i>Epilobium nerteroides</i>	willow herb	u
<i>E. pallidiflorum</i>	willow herb	u
<i>E. pubens</i>	willow herb	u
<i>E. rotundifolium</i>	willow herb	o
* <i>Galium palustre</i>	marsh bedstraw	la
<i>G. propinquum</i>		u
<i>Hydrocotyle elongata</i>		a
<i>H. heteromeria</i>	wax-weed	o
<i>H. microphylla</i>		lc
<i>H. moschata</i>	hairy pennywort	u
<i>H. novae-zeelandiae</i>		o
* <i>Lotus pedunculatus</i>	lotus major	o
* <i>Mimulus moschatus</i>	hairy musk	o
* <i>Mycelis muralis</i>	wall lettuce	o
<i>Myosotis forsteri</i>	NZ forget-me-not	o
* <i>M. laxa</i> ssp. <i>caespitosa</i>	water forget-me-not	o
<i>Nertera</i> sp. (aff. <i>N. dichondraefolia</i>)		u
<i>Oxalis exilis</i>		o
<i>Pratia angulata</i>	panakenake	o
* <i>Prunella vulgaris</i>	self-heal	o
<i>Ranunculus reflexus</i>	bush buttercup	o
* <i>R. repens</i>	creeping buttercup	la
<i>R. sp.</i> (<i>R. amphitrichus</i> or <i>R. glabrifolius</i>)	waoriki	u
* <i>Rorippa</i> sp.	watercress	u
<i>Senecio minimus</i>		u
<i>S. rufiglandulosus</i> (?)		(j) u
<i>Stellaria decipiens</i>	NZ chickweed	u
* <i>S. graminea</i>	stitchwort	o
* <i>Trifolium repens</i>	white clover	o
<i>Urtica incisa</i>	nettle	o
* <i>U. urens</i>	nettle	u
* <i>Veronica</i> sp. [<i>V. anagallis-aquatica</i> ?]	water speedwell	u

MONOCOT TREES & SHRUBS

<i>Cordyline australis</i>	ti kouka, cabbage tree	u
<i>C. banksii</i>	ti ngahere	u

MONOCOT HERBS

Orchids

<i>Caladenia</i> sp.		u
<i>Corybas rivularis</i> agg. (Species A, of J B Irwin)	spider orchid	la
<i>C. rivularis</i> agg. (Species B, of J B Irwin)	spider orchid	la

<i>C. trilobus</i>	spider orchid	o
<i>Earina mucronata</i>		o
<i>Microtis unifolia</i>	onion-leaved orchid	o
<i>Pterostylis</i> sp. (<i>P. aff. montana</i> ?)	greenhood orchid	u

GRASSES

<i>Cortaderia fulvida</i>	toetoe	u
<i>Deyeuxia avenoides</i>		u?
* <i>Glyceria declinata</i>	floating sweetgrass	o
* <i>Holcus lanatus</i>	Yorkshire fog	c
<i>Poa anceps</i> ssp. <i>anceps</i>		o

SEDGES

<i>Baumea rubiginosa</i>		lc
<i>B. tenax</i>		o
<i>Carex maorica</i>		o?
<i>C. secta</i> s.s.	<i>purei</i>	la
<i>C. virgata</i>		lc
<i>C. sp.</i> (unidentified; Section <i>Acutae</i>)		lc
<i>Eleocharis gracilis</i>		u
* <i>Isolepis sepulchralis</i>		u
<i>Schoenus maschalinus</i>		u
<i>Uncinia uncinata</i>	hookgrass	o
<i>U. zotovii</i>	hookgrass	lc

RUSHES

* <i>Juncus articulatus</i>	jointed-leaved rush	lc
<i>J. distegus</i>		u
* <i>J. effusus</i>		c
<i>J. gregiflorus</i>		c
<i>J. sarophorus</i>		u
<i>Luzula picta</i> s.s.	wood-rush	o

MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES, RUSHES

<i>Arthropodium candidum</i>		u
<i>Astelia fragrans</i>		u
<i>Collospermum microspermum</i>		o
<i>Dianella nigra</i>	turutu, blueberry	u
<i>Lemna</i> sp. (<i>L. minor</i> of NZ authors)	duckweed	lc
<i>Phormium cookianum</i>	wharariki, NZ flax	o
<i>Potamogeton cheesemanii</i>	pondweed	u

Typha orientalis	raupo	la
------------------	-------	----

FERN ALLIES

Lycopodium deuterodensum	clubmoss	u
L. volubile	climbing clubmoss	o

FERNS

Adiantum cunninghamii	maidenhair fern	u
Asplenium flaccidum	hanging spleenwort	o
A. gracillimum		o
A. hookerianum		u
A. polyodon	sickle spleenwort	u
A. gracillimum X A. hookerianum		u
Azolla filiculoides ssp. rubra	floating waterfern	u
Blechnum chambersii		a
B. fluviatile		c
B. membranaceum		u
B. minus	swamp kiokio	o
B. penna-marina		c
B. vulcanicum		lc
B. sp. (B. capense agg.; B. "Black Spot")	kiokio	lc
Dicksonia fibrosa	wheki-ponga	c
D. squarrosa	wheki	o
Grammitis ciliata		u
Hymenophyllum demissum	filmy fern	lc
H. dilatatum	filmy fern	u
H. flabellatum	filmy fern	la
H. flexuosum	filmy fern	u
H. sanguinolentum	filmy fern	o
H. scabrum	filmy fern	u
Hypolepis ambigua	filmy fern	c
Leptopteris hymenophylloides	heruheru	o
Paesia scaberula	ring fern	o
Pellaea rotundifolia	button fern	o
Phymatorus pustulatus	hound's tongue fern	c
Pneumatopteris pennigera		u
Polystichum richardii		u
P. silvaticum		u
Pteridium esculentum	bracken	o
Pyrrhosia eleagnifolia	leather-leaf fern	c

Total = 142 indigenous species

VEGETATION TYPES

- 1 (kahikatea) - [cabbage tree]/[Neomyrtus] - [Pseudopanax anomalus]
raupo - *Carex secta*/Sphagnum: swamp on low river flat
- 2 kahikatea / (*Coprosma rigida*) - [matai] / (Neomyrtus) / *Uncinia zotovii*: semi-swamp forest on river flat.
- 3 lancewood - totara / mingimingi : secondary forest on terrace scarp
- 4 totara - matai / (lancewood) / wheki-ponga - (totara) - (matai) - (kahikatea) / *Blechnum chambersii*: forest on toe-slope, adjoining swamp.
- 5 totara - [matai] / *Coprosma rhamnoides*/mosses: secondary forest on flat elevated dry terrace.
- 6 manuka / (*Baumea tenax*) / [swamp kiokio] / *Juncus articulatus* - [marsh thistle] / Dicranoloma moss: scrub-swamp on elevated flat terrace.

NB: underlining and brackets refer to plant cover in various classes, e.g.:

kahikatea cover = > 50%

kahikatea = 20-50% cover

kahikatea = 10-20% cover

[kahikatea] = < % cover

Slashes (/) separate different vegetation strata, tallest to the left of the slash.