

## PUKAHA MT BRUCE, WAIRARAPA National Wildlife Centre

**Map:** NZTopo50-BN34 Shannon

**Grid reference:** centred on 230880 – area covered by lists.

**Map:** NZMS 260 T25 Eketahuna.

**Grid reference:** centred on 336503 – area covered by lists.

**G.P.S. grid reference:**

**Area:** 941.7540 ha. (Mt Bruce Forest, Tararua Forest Park).

**Catchment:** Bruce Stream, a tributary of the Makakahi River.

**Elevation range:** 320 m – 400 m – area covered by lists.

**Landform:** face; ridge crest; river terrace – area covered by lists..

**Geology:** Strongly indurated and metamorphosed sedimentary rocks: greywackes and argillites (undifferentiated), including semischists. (*NZ Soil Bureau Map 106/1*).

**Aspect:** northwest – area covered by lists..

**Rainfall:** Rain-gauge at Mt Bruce National Wildlife Centre: 1800 – 2000 mm p.a. (Pam Basher, DOC, 2009, pers. comm.).

**Ecological District:** Tararua Ecological District 38.01

**Forest classification:** podocarp – northern rātā/beech; regenerating broadleaved forest; shrublands.

**Tenure:** Department of Conservation.

**Status:** Conservation Park, Conservation Act 1987.

**Conservation Unit Number:** T25037.

**Territorial Local Authority:** Tararua District Council, Masterton District Council.

**Site description:** Podocarp and northern rātā forest on river terrace and hillslope, regenerating forest, beech associations and shrubland on higher slopes. Only plants visible from the Bush Walk track have been included.

Lists of indigenous plants and birds prepared by P. Enright, T. Silbery on 26.4.2008, during a 4.5-hour visit (Enright & Silbery list no. 5a). Additions to these lists made by Wellington Botanical Society on 30.11.13 during a 4-hour reconnaissance from the Visitor Centre, around the Bush Walk loop, via the lookout and redwoods, and lists of adventive plants and birds prepared.

### Abbreviations

agg. = aggregate

# = not naturally occurring in Tararua Ecological District 38.01

inc. = including

+ = addition made on 30.11.13 to 26.4.08 list

sp. = species

subsp = subspecies

(unc) = uncommon - one or few plants seen.

var. = variety

### Observations – 30.11.13

Browse seen on *Dianella nigra*, *Libertia* sp. and *Uncinia uncinata*. NZ's largest moss, *Dawsonia superba* pāhau kākāpō, seen along the track.

### LIST 1: Indigenous vascular plants

Botanical name	Māori name	Common name
----------------	------------	-------------

#### Gymnosperm trees and shrubs

<i>Dacrycarpus dacrydioides</i>	kahikatea	kahikatea
<i>Dacrydium cupressinum</i>	rimu	rimu
<i>Podocarpus cunninghamii</i>	tōtara	Hall's tōtara
<i>Podocarpus totara</i>	tōtara	tōtara
<i>Prumnopitys ferruginea</i>	miro	miro
<i>Prumnopitys taxifolia</i>	mataī	mataī

#### Monocotyledonous trees and shrubs

<i>Cordyline australis</i>	tī kōuka	cabbage tree
----------------------------	----------	--------------

#### Dicotyledonous trees and shrubs

<i>Alectryon excelsus</i>		
var. <i>excelsus</i> (unc)	tītoki	tītoki
<i>Alseuosmia pusilla</i>	toropapa	an alseuosmia sp.
<i>Aristotelia serrata</i>	makomako	wineberry
<i>Beilschmiedia tawa</i>	tawa	tawa
<i>Brachyglottis repanda</i>	rangiora	rangiora
<i>Carpodetus serratus</i>	putaputawētā	marbleleaf
<i>Coprosma areolata</i>		thin-leaved coprosma
<i>Coprosma foetidissima</i>	hūpiro	stinkwood
<i>Coprosma grandifolia</i>	kanono	kanono
<i>Coprosma lucida</i>	karamu	shining karamu
<i>Coprosma rhamnoides</i>		a coprosma sp.
<i>Coprosma rigida</i>		a coprosma sp.
<i>Coprosma robusta</i>	karamu	karamu
<i>Coprosma rotundifolia</i>		round-leaved coprosma
<i>Coprosma rubra</i>		a coprosma sp.

Coprosma robusta		
x C. propinqua		a coprosma hybrid
Elaeocarpus dentatus	hīnau	hīnau
Elaeocarpus dentatus		
x E. hookerianus (unc)		an elaeocarpus hybrid
+ Elaeocarpus hookerianus	pōkaka	pōkaka
Fuchsia excorticata	kōtukutuku	tree fuchsia
Fuscospora		
(= Nothofagus) fusca	tawhairaunui	red beech
Geniostoma ligustrifolium		
var. ligustrifolium	hangehange	hangehange
Griselinia littoralis	pāpāuma	broadleaf
Griselinia lucida	puka	puka
Hebe stricta var. atkinsonii	koromiko	koromiko
Hedycarya arborea	porokaiwhiri	pigeonwood
# + Hoheria populnea	houhere	a lacebark sp.
Hoheria sexstylosa	houiongaonga	a lacebark sp.
Knightia excelsa	rewarewa	rewarewa
Kunzea ericoides	kānuka	kānuka
Leptospermum scoparium	mānuka	mānuka
Leucopogon fasciculatus	mingimingi	big mingimingi
Melicytus lanceolatus	māhoe wao	narrow-leaved māhoe
Melicytus ramiflorus	māhoe	māhoe
Metrosideros robusta	rātā	northern rātā
Myrsine australis	māpou	māpou
Myrsine salicina	toro	toro
Neomyrtus pedunculata	rōhutu	rōhutu
Nestegis cunninghamii	maire	black maire
Nestegis lanceolata	maire	white maire
Nestegis montana	rōro	narrow-leaved maire
Olearia rani		
var. colorata (unc)	heketara	heketara
Pennantia corymbosa	kaikōmako	kaikōmako
Pittosporum eugenioides	tarata	lemonwood
Pittosporum tenuifolium	kohuhu	kohuhu
Pseudopanax arboreus	whauwhaupaku	five-finger
Pseudopanax crassifolius	horoeaka	lancewood
Pseudowintera axillaris	horopito	lowland horopito
+ Raukawa edgerleyi	raukawa	raukawa
Schefflera digitata	patē	seven-finger
+ Solanum aviculare	poroporo	poroporo
Solanum laciniatum	poroporo	poroporo
Streblus heterophyllus	tūrepo	small-leaved milktree

+ <i>Urtica ferox</i>	ongaonga	tree nettle
<i>Weinmannia racemosa</i>	kāmahi	kāmahi

### Monocotyledonous lianes

<i>Ripogonum scandens</i>	kareao	supplejack
---------------------------	--------	------------

### Dicotyledonous lianes & related trailing plants

<i>Clematis foetida</i>		a clematis sp.
<i>Clematis forsteri</i> var.	pikiarero	small white clematis
<i>Clematis paniculata</i>	puawānanga	white clematis
<i>Metrosideros colensoi</i>		a metrosideros sp.
<i>Metrosideros diffusa</i>	rātā	white rātā
<i>Metrosideros fulgens</i>	akakura	scarlet rātā
<i>Metrosideros perforata</i> (unc)	aka	clinging rātā
<i>Muehlenbeckia australis</i>	pōhuehue	pōhuehue
+ <i>Parsonsia capsularis</i>	kaiwhiria	a NZ jasmine sp.
<i>Parsonsia heterophylla</i>	kaihua	a NZ jasmine sp.
<i>Rubus australis</i>	tātarāmoa	swamp lawyer
<i>Rubus cissoides</i> agg.	tātarāmoa	bush lawyer
<i>Rubus schmidelioides</i> var.	tātarāmoa	bush lawyer

### Lycopods

<i>Lycopodium volubile</i>	waewaekoukou	climbing club moss
<i>Phlegmariurus varius</i> (= <i>Huperzia varia</i> )	whiri o Raukatauri	hanging clubmoss

### Ferns, psilopsids and quillworts

<i>Asplenium bulbiferum</i>	manamana	hen & chickens
<i>Asplenium flaccidum</i>	makawe o Raukatauri	hanging spleenwort
+ <i>Asplenium gracillimum</i>		an asplenium sp.
<i>Asplenium hookerianum</i>		Hooker's spleenwort
<i>Asplenium oblongifolium</i>	huruhuruwhenua	shining spleenwort
<i>Asplenium polyodon</i>	petako	sickle spleenwort
<i>Blechnum chambersii</i>	nini	lance fern
<i>Blechnum colensoi</i>	peretao	waterfall fern
<i>Blechnum discolor</i>	piupiu	crown fern
<i>Blechnum filiforme</i>	panako	thread fern
<i>Blechnum fluviatile</i>	kiwakiwa	ray water fern
<i>Blechnum novae-zelandiae</i>	kiokio	kiokio
<i>Blechnum procerum</i>		small kiokio
<i>Cyathea dealbata</i>	ponga	silver fern

<i>Cyathea medullaris</i>	mamaku	mamaku
<i>Cyathea smithii</i>	kātote	soft tree fern
<i>Dicksonia fibrosa</i>	whekī ponga	whekī ponga
<i>Dicksonia squarrosa</i>	whekī	whekī
<i>Histiopteris incisa</i>	mātātā	water fern
<i>Hymenophyllum bivalve</i>	mauku	a filmy fern sp.
<i>Hymenophyllum demissum</i>	irirangi	drooping filmy fern
<i>Hymenophyllum dilatatum</i>	matua mauku	a filmy fern sp.
<i>Hymenophyllum flabellatum</i>	mauku	fan-like filmy fern sp.
<i>Hymenophyllum multifidum</i>	mauku	much-divided filmy fern
<i>Hymenophyllum rarum</i>	mauku	a filmy fern sp.
<i>Hymenophyllum revolutum</i>	mauku	a filmy fern sp.
<i>Hymenophyllum sanguinolentum</i>	mauku	a filmy fern sp..
+ <i>Hypolepis ambigua</i>	rarauhi nehenehe	a hypolepis sp.
+ <i>Hypolepis rufobarbata</i>		sticky pig fern.
+ <i>Lastreopsis glabella</i>		smooth shield fern
<i>Lastreopsis hispida</i>	pongaweka	hairy fern
<i>Leptopteris hymenophylloides</i>	heruheru	cape fern
<i>Microsorium pustulatum</i>	kōwaowao	hound's tongue
<i>Notogrammitis</i> (= <i>Grammitis</i> ) <i>billardieri</i>		a strap fern sp.
<i>Notogrammitis heterophyllum</i> (= <i>Ctenopteris heterophylla</i> )		comb fern
<i>Paesia scaberula</i>	mātā	ring fern
<i>Pellaea rotundifolia</i>	tarawera	round-leaved fern
<i>Pneumatopteris pennigera</i>	pākau	gully fern
<i>Polyphlebium</i> (= <i>Trichomanes</i> ) <i>venosum</i>		veined bristle fern
<i>Polystichum vestitum</i>	pūniu	prickly shield fern
<i>Pteridium esculentum</i>	rārahu	bracken
+ <i>Pteris macilenta</i>	titipo	sweet brake
+ <i>Pteris tremula</i>	turawera	shaking brake
<i>Pyrrosia eleagnifolia</i>	ota	leather-leaf fern
<i>Rumohra adiantiformis</i>	karawhiu	leathery shield fern
<i>Tmesipteris elongata</i>		a fork fern sp.

## Orchids

<i>Earina autumnalis</i>	raupeka	Easter orchid
<i>Earina mucronata</i>	peka a waka	Spring orchid
+ <i>Microtis unifolia</i>	maikkaika	onion-leaved orchid
+ <i>Pterostylis banksii</i>	tutukiwi	common greenhood
<i>Winika cunninghamii</i>	winika	bamboo orchid

## Grasses

<i>Microlaena avenacea</i>		bush rice grass
+ <i>Rytidosperma gracile</i>		a <i>rytidosperma</i> sp.

## Sedges

<i>Carex dissita</i>		a <i>carex</i> sp.
<i>Carex geminata</i>	rautahi	cutty grass
+ <i>Carex secta</i>	pūrei	a <i>carex</i> sp.
+ <i>Carex solandri</i>		a <i>carex</i> sp.
<i>Carex virgata</i>	pūrei	swamp sedge
<i>Gahnia pauciflora</i>	māpere	cutting sedge
<i>Isolepis reticularis</i>		an <i>isolepis</i> sp.
<i>Uncinia uncinata</i>	matau a Māui	a hooked sedge sp.

## Rushes and allied plants

<i>Juncus australis</i>	wī	leafless rush
-------------------------	----	---------------

## Monocotyledonous herbaceous plants other than orchids, grasses, sedges, rushes & allied plants

<i>Astelia fragrans</i>	kakaha	bush flax
<i>Astelia solandri</i>	kōwharawhara	perching astelia
<i>Collospermum hastatum</i>	kahakaha	a <i>collospermum</i> sp.
<i>Collospermum microspermum</i>		a <i>collospermum</i> sp.
<i>Dianella nigra</i>	tōrutu	blueberry
<i>Libertia ixioides</i>	mīkoikoi	a NZ iris sp.
<i>Phormium tenax</i>	harakeke	swamp flax

## Dicotyledonous herbaceous plants - composites

<i>Anaphalioides trinervis</i> (inc. <i>Anaphalis keriensis</i> )		an <i>anaphalioides</i> sp.
<i>Euchiton audax</i>		a <i>euchiton</i> sp.
<i>Euchiton gymnocephalus</i> (= <i>Gnaphalium gymnocephalum</i> )		a <i>euchiton</i> sp.
<i>Helichrysum filicaule</i>		creeping everlasting daisy
+ <i>Lagenophora</i> sp.		a <i>lagenophora</i> sp.
+ <i>Pseudognaphalium</i> luteoalbum agg.		Jersey cudweed
<i>Senecio minimus</i>		a fireweed sp.

## Dicotyledonous herbaceous plants other than composites

<i>Acaena anserinifolia</i>	piripiri	biidibid
-----------------------------	----------	----------

Centella uniflora		centella
+ Epilobium sp. ????		a willowherb sp.
Haloragis erecta		
subsp. erecta	toatoa	shrubby haloragis
Hydrocotyle elongata		a hydrocotyle sp.
+ Hydrocotyle heteromeria		waxweed
+ Hydrocotyle microphylla		a hydrocotyle sp.
Hydrocotyle moschata		hairy pennywort
Hydrocotyle novae-zelandiae		a hydrocotyle sp.
+ Lobelia angulata	pānakenake	a lobelia sp.
+ Ranunculus reflexus	māruru	hairy buttercup
+ Stellaria parviflora	kohukohu	NZ chickweed
+ Urtica incisa	ongaonga	scrub nettle
Wahlenbergia violacea		a NZ harebell sp.

+++++

## + LIST 2: Adventive vascular plants

### Gymnosperm trees and shrubs

+ Chamaecyparis lawsoniana	Lawson's cypress
+ Sequoia sempervirens	Californian redwood

### Dicotyledonous trees and shrubs

+ Berberis glaucocarpa	barberry
+ Cotoneaster glaucophyllus	cotoneaster
+ Cytisus scoparius	English broom
+ Hypericum androsaemum	tutsan
+ Ilex aquifolium	English holly
+ Leycesteria formosa	Himalaya honeysuckle
+ Rubus fruticosus agg.	blackberry

### Dicotyledonous lianes

+ Clematis vitalba	old man's beard
+ Lonicera japonica	Japanese honeysuckle

### Ferns

None recorded

### Orchids

None recorded

### Grasses

+ <i>Agrostis capillaris</i>	browntop
+ <i>Anthoxanthum odoratum</i>	sweet vernal
+ <i>Holcus lanatus</i>	Yorkshire fog
+ <i>Poa annua</i>	annual poa
+ <i>Rytidosperma racemosum</i>	a <i>rytidosperma</i> sp.
+ <i>Schedonorus arundinaceus</i>	tall fescue

### **Sedges**

None recorded

### **Rushes**

+ <i>Juncus effusus</i> var. <i>effusus</i>	soft rush
+ <i>Luzula multiflora</i>	a woodrush sp.

### **Monocotyledonous herbaceous plants, other than orchids, grasses, sedges, rushes**

+ <i>Crocsmia x crocosmiiflora</i>	montbretia
------------------------------------	------------

### **Composite herbaceous plants**

+ <i>Arctium minus</i> subsp. <i>minus</i>	burdock
+ <i>Bellis perennis</i>	lawn daisy
+ <i>Cerastium fontanum</i>	mouse-ear chickweed
+ <i>Cirsium arvense</i>	Californian thistle
+ <i>Cirsium palustre</i>	marsh thistle
+ <i>Cirsium vulgare</i>	Scotch thistle
+ <i>Conyza sumatrensis</i>	fleabane
+ <i>Crepis capillaris</i>	hawksbeard
+ <i>Euchiton japonicus</i>	a <i>euchiton</i> sp.
+ <i>Gamochaeta coarctata</i>	a <i>gamochaeta</i> sp.
+ <i>Hypochaeris radicata</i>	catsear
+ <i>Jacobaea vulgaris</i>	ragwort
+ <i>Leontodon taraxacoides</i>	hawkbit
+ <i>Mycelis muralis</i>	wall lettuce
+ <i>Sonchus arvensis</i>	perennial sow thistle
+ <i>Sonchus asper</i>	pūha prickly sow thistle
+ <i>Taraxacum officinale</i>	dandelion

### **Dicotyledonous herbaceous plants, other than composites**

+ <i>Acaena novae-zelandiae</i>	piripiri red bidibid;
+ <i>Anagalis arvensis</i>	scarlet pimpernel
+ <i>Cardamine flexuosa</i>	wavy bitter cress
+ <i>Centaurium erythraea</i>	centaury
+ <i>Cerastium fontanum</i>	

subsp. vulgare	mouse-eared chickweed
+ Digitalis purpurea	foxglove
+ Erythranthe guttata	monkey flower
+ Lotus pedunculatus	lotus major
+ Ludwigia palustris	water purslane
+ Medicago nigra	bur medick
+ Plantago australis	swamp plantain
+ Plantago major	broad-leaved plantain
+ Prunella vulgaris	selfheal
+ Ranunculus repens	creeping buttercup
+ Rumex pulcher	fiddle dock
+ Sagina apetala	pearlwort
+ Solanum nigrum	black nightshade
+ Stellaria media subsp. media	chickweed
+ Trifolium repens	white clover
+ Urtica dioica subsp. dioica	perennial nettle
+ Veronica serpyllifolia	turf speedwell

+++++

+++++

### LIST 3: Indigenous birds

Acanthisitta chloris granti	tītīpounamu	North Island rifleman
Anthornis melanura	korimako	bellbird
Falco novaeseelandiae	kārearea	NZ falcon
Rhipidura fuliginosa placabilis	pīwakawaka	North Island fantail
Gerygone igata	riroriro	grey warbler
Hemiphaga novaeseelandiae	kererū	kererū
Nestor meridionalis		
septentrionalis	kākā	North Island kākā
Petroica macrocephala toitoi	miromiro	North Island tomtit
Prosthemadera		
novaeseelandiae	tūī	tūī
Zosterops lateralis	tauhou	waxeye

+++++

### LIST 4: Introduced birds

+ Carduelis flammea	redpoll
+ Fringilla coelebs	chaffinch

+++++ END +++++