

TRELISSICK PARK - vascular native plant list

Ngaio Gorge, Wellington

Updated May 2023

Map: NZTopo50-BQ31 Wellington, centred on grid reference ca. 483308.

Location: Between Ngaio and Wadestown.

Area: ca. 24 hectares of native forest (including leased railway land), native plantings and introduced species.

Geology: Lithology: B-H: Wellington greywackes: alternating dark-grey argillite and greywacke sandstone, intensely sheared and semi-schistose; Balfour Series, Triassic. *NZ Geological Map 1 : 250,000 Wellington, Sheet 12, 1st edition*. 1975.

Soils: Pedology: 7: Ngaio-Kaitoke Soils; 10: Korokoro-Makara Soils. *Soils of Wellington District*. H. S. Gibbs, Soil Bureau, D.S.I.R, 1960.

Catchment: Kaiwharawhara Stream with Te Mahanga and Korimako Stream tributaries.

Elevation range of entire catchment: 445 m (Mt Kaukau) – sea level at Kaiwharawhara Point, Wellington Harbour – Te Whanganui a Tara.

Landform: steep-sided valley with a series of spurs and intervening gullies with tributary streams.

Ecological District: Wellington Ecological District 39.01.

Rainfall: 1228.9 mm p.a. (gauge at Kelburn Meteorological Office).

Aspect: true left side of Kaiwharawhara Stream: southwest-south-southeast; true right side of Kaiwharawhara Stream: northeast-north-northwest.

Forest classification: Some remnant pre-European forest; regenerating, semi-coastal, podocarp-broadleaf forest; with mixed indigenous-advective shrublands, native plantings and weeds.

Tenure: Wellington City Council.

Status: Scenic Reserve under the Reserves Act 1977.

Central government: Department of Conservation, Kāpiti-Wellington Area Office.

Regional authority: Greater Wellington Regional Council.

Names: ¹ 'Kai' = food; 'wharawhara' - *Astelia banksii* = coastal astelia.

¹ *The Great Harbour of Tara*. G. Leslie Adkin. Whitcombe and Tombs Ltd. 1959.

² "Trelissick": In 1845 Captain Edward Daniell from Cornwall settled in "Upper Kaiwarra" naming his holding "Trelissick Farm" after his Cornish estates.

² *The Streets of My City*. F. L. Irvine-Smith. 1948. A. H. & A. W. Reed, Wellington.

Further reading:

The Onslow Historian – The History of Trelissick Park Group 1991-2013. Part One & Part Two by Peter Reimann;

Gorge Gazette. Published by Trelissick Park Group.

<https://trelissickpark.org.nz/gazetter.html>

Brochure: *Trelissick Park – Ngaio and Wadestown*. Wellington City Council.

Available at information panels at some entrances and on WCC web site.

Lists

The species listed below were recorded in the park by:

P. Enright (1994,1995, various dates in 2016); P. Enright & O. John 1998; Trelissick Park Group, 2018; taxonomic additions B. Mitcalfe's/C. Horne's list, 2007 - reconnaissance for a botany trip (revised 2008, updated 2018); taxonomic update 3.5.23 – C. Horne.

Abbreviations

agg. = aggregate

(P) = planted

sp. = species

subsp. = subspecies

(unc) = uncommon

var. = variety

x = hybrid

* = native but not naturally occurring in Wellington Ecological District 39.01

= added by Trelissick Park Group (either planted or observed)

¹ indicates species on Shona Myers' list or an anonymous list but not seen by the above.

	Māori name	Common name
Gymnosperm trees and shrubs		
* <i>Agathis australis</i> # (unc)	kauri	kauri
<i>Dacrydium cupressinum</i> #	rimu	rimu
<i>Dacrycarpus dacrydioides</i>	kahikatea	kahikatea
<i>Podocarpus totara</i> var. <i>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
<i>Rhopalostylis sapida</i> (juveniles)	nīkau	nīkau
Dicotyledonous trees and shrubs		
<i>Alectryon excelsus</i> subsp. <i>excelsus</i>	tītoki	tītoki
<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>Clianthus puniceus</i> (unc) # x	kakabeak	kākābeak
<i>Coprosma areolata</i> (unc)		thin-leaved coprosma
<i>Coprosma autumnalis</i> (<i>C. grandifolia</i>)	kānono	kānono
<i>Coprosma crassifolia</i> (unc) #		thick-leaved coprosma
<i>Coprosma foetidissima</i> (unc) #	hūpiro	stinkwood
<i>Coprosma linariifolia</i> (unc) #		yellow wood
<i>Coprosma lucida</i>	karamū	shiny karamū
<i>Coprosma propinqua</i> subsp. <i>propinqua</i> #		mingimingi
<i>Coprosma repens</i>	taupata	taupata
<i>Coprosma rhamnoides</i>		

Coprosma rigida (unc) #		
Coprosma robusta	karamū	karamū
Coprosma rotundifolia (unc) #		round-leaved coprosma
Coprosma rubra (unc) #		
Coriaria arborea (unc)	tutu	tree tutu
* Corokia x cotoneaster (P)		
* Corynocarpus laevigatus	karaka	karaka
Didymocheton (Dysoxylum) spectabile	kohekohe	kohekohe
* Dodonaea viscosa	akeake	akeake
Elaeocarpus dentatus var. dentatus	hīnau	hīnau
* Entelea arborescens #	whau	whau
Fuchsia excorticata	kōtukutuku	tree fuchsia
Geniostoma ligustrifolium var. ligustrifolium	hangehange	hangehange
Griselinia littoralis #	pāpāuma	broadleaf
Griselinia lucida		
Hedycarya arborea	porokaiwhiri	pigeonwood
Hoheria angustifolia #	houhere	lacebark
* Hoheria populnea	houhere	lacebark
Hoheria sexstylosa (unc)	houhere	narrow-leaved lacebark
Knightia excelsa	rewarewa	rewarewa
Kunzea robusta	kānuka	kānuka
Laurelia novae-zelandiae #	pukatea	pukatea
Leptospermum scoparium	mānuka	mānuka
Leucopogon fasciculatus	mingimingi	mingimingi
Lophomyrtus bullata	ramarama	ramarama
Melicope simplex	poataniwha	poataniwha
Melicope simplex x M. ternata		a melicope hybrid
Melicope ternata	wharangi	wharangi
Melicytus ramiflorus subsp.ramiflorus	māhoe	whiteywood
* Metrosideros excelsa	pōhutakawa	pōhutakawa
Metrosideros robusta #	rātā	northern rātā
Myoporum laetum	ngaio	ngaio
Myrsine australis	māpou	red matipo
Myrsine salicina	toro	toro
Nestegis cunninghamii	maire	black mairi
Nestegis lanceolata	maire	white mairi
* Olearia albida #		
Olearia paniculata	akiraho	golden akeake
Olearia rani var. colorata ¹	heketara	heketara
Ozothamnus leptophyllus	tauhinu	tauhinu
Pennantia corymbosa (unc)	kaikōmako	kaikōmako
Piper excelsum subsp excelsum	kawakawa	kawakawa
* Pittosporum crassifolium	karo	karo
Pittosporum eugenioides	tarata	lemonwood
* Pittosporum ralphii	karo	karo
Pittosporum tenuifolium	kōhūhū	black matipo
* Plagianthus regius #	manatū	ribbonwood
Pseudopanax arboreus	whauwhaupaku	five-finger
Pseudopanax crassifolius (unc)	horoeaka	lancewood
* Pseudopanax ferox #		fierce lancewood

* <i>Pseudopanax laetus</i>		
* <i>Pseudopanax lessonii</i>		
* <i>Pseudopanax lessonii</i> hybrids		
<i>Pterophylla racemosa</i> (unc) (<i>Weinmannia racemosa</i>)	kāmahi	kāmahi
<i>Raukaua anomalus</i> (unc)		
<i>Schefflera digitata</i>	patē	seven-finger
<i>Solanum laciniatum</i>	poroporo	poroporo
* <i>Sophora chathamica</i>	kōwhai	kōwhai
<i>Sophora longicarinata</i>		
<i>Sophora microphylla</i>	kōwhai	kōwhai
<i>Sophora molloyi</i> (P)		
<i>Streblus banksii</i> (unc) (J Anderson WCC)	ewekuri	large-leaved milk tree
<i>Streblus banksii</i> x <i>S. heterophyllus</i> (unc) (J Anderson, WCC)		a <i>Streblus</i> hybrid
<i>Streblus heterophyllus</i> (unc)	tūrepo	small-leaved milk tree
<i>Urtica ferox</i>	ongaonga	tree nettle
<i>Veronica parviflora</i> (unc)	koromiko	taranga tree hebe
<i>Veronica stricta</i> var. <i>stricta</i>	koromiko	koromiko
<i>Weinmannia racemosa</i> (see <i>Pterophylla racemosa</i> (unc) above)	kāmahi	kāmahi

Monocotyledonous lianes

<i>Freycinetia banksii</i>	kiekie	kiekie
<i>Ripogonum scandens</i>	kareao	supplejack

Dicotyledonous lianes and related trailing plants

<i>Calystegia tuguriorum</i>	pōwhiwhi	N.Z. bindweed
<i>Clematis paniculata</i>	puawānanga	white-flowered clematis
<i>Metrosideros diffusa</i>	aka	white rātā
<i>Metrosideros fulgens</i>	akakura	scarlet rata
<i>Metrosideros perforata</i>	akatea	white rata
<i>Muehlenbeckia australis</i>	pohuehue	pohuehue
<i>Muehlenbeckia complexa</i>	pohuehue	
<i>Parsonsia heterophylla</i>	kohia	NZ jasmine
<i>Passiflora tetrandra</i>		NZ passionfruit
<i>Rubus cissoides</i>	tataramoa	

Ferns

<i>Adiantum cunninghamii</i>	puhinui	
<i>Adiantum fulvum</i>		
<i>Asplenium appendiculatum</i>		
<i>Asplenium bulbiferum</i> (x <i>lucrosum</i> ?)	manamana	hen and chicken fern
<i>Asplenium flabellifolium</i>		necklace fern
<i>Asplenium flaccidum</i>	makawe	hanging spleen wort
<i>Asplenium gracillimum</i>		
<i>Asplenium hookerianum</i>		
<i>Asplenium</i> x <i>lucrosum</i> (P)		

Asplenium oblongifolium	huruhuruwhenua	shiining spleen wort
Asplenium polyodon (unc)	petako	sickle spleenwort
Blechnum chambersii	nini	lance fern
Blechnum discolor (unc)	piupiu	crown fern
Blechnum filiforme	panako	thread fern
Blechnum fluviatile	kiwakiwa	creek fern
Blechnum membranaceum		
Blechnum minus (unc)		
Blechnum novae-zelandiae	kiokio	kiokio
Blechnum vulcanicum (unc)		mountain hard fern
Cyathea dealbata	ponga	silver fern
Cyathea medullaris	mamaku	mamaku
Cyathea smithii #	katote	soft tree fern
Dicksonia fibrosa #	wheki ponga	
Dicksonia squarrosa #	wheki	rough tree fern
Diplazium australe		
Histiopteris incisa	matata	water fern
Hymenophyllum demissum	irirangi	frooping filmy fern
Hypolepis ambigua (unc)		
Lastreopsis hispida	tuakura	hairy fern
Lastreopsis velutina		velvet fern
Lecanopteris pustulata	kowaowao	hound's tongue
Lecanopteris scandens	mokimoki	scented fern
Leptolepia novae-zelandiae #		
Leptopteris hymenophylloides	heruheru	crape fern
Loxogramme dictyopteris		
Notogrammitis billardierei *		
Paesia scaberula	mātā	ring fern
Pakau (Pneumatopteris) pennigera	pakau	gully fern
Parapolystichum glabellum		smooth shield fern
Pellaea rotundifolia (unc)	tarawera	button fern
Polystichum neozelandicum		
subsp. neozelandicum	pikopiko	shield fern
Pteridium esculentum	rarahe	bracken
Pteris macilenta		
Pyrrosia eleagnifolia	ota	leather-leaf fern
Trichomanes venosum		veined bristle fern
Orchids		
Earina mucronata (unc)	pekapeka	bamboo orchid
Grasses		
Anemanthele lessoniana # x		gossamer grass
Austroderia fulvida	toetoe	toetoe
Austroderia toetoe	toetoe	toetoe
Microlaena avenacea		bush rice grass
Poa anceps agg.		broad-leaved poa

Poa cita		silver tussock
Rytidosperma gracile		

Rushes

Juncus edgariae	wīwī	
Juncus pallidus #		leafless rush
Luzula picta var. picta (unc)		woodrush

Sedges

Carex comans # x		
Carex dissita #		
Carex flagellifera		
Carex forsteri (unc)		
Carex geminata		
Carex lambertiana		
Carex solandri (unc)		
Carex uncinata	matau a Māui	hooked sedge
Carex virgata		
Cyperus ustulatus		
Gahnia pauciflorus #		
Gahnia setifolia #		cutty grass
Isolepis prolifer (unc)		
Isolepis sp		

Composite herbaceous plants

Cotula australis		button daisy
Euchiton involucratus		
Senecio hispidulus		
Senecio minimus		fireweed

Dicotyledenous herbaceous species other than composites

Australina pusilla subsp. pusilla (unc)		
Epilobium brunnescens		
Epilobium nummulariifolium		
Epilobium pubens (unc)		
Haloragis erecta subsp. erecta (unc)	toatoa	
Hydrocotyle heteromeria		pennywort
Hydrocotyle moschata var. moschata		hairy pennywort
Myriophyllum propinquum (unc)		water milfoil
Parietaria debilis		
Stellaria parviflora		chickweed
Wahlenbergia ramosa (unc)		harebell
Wahlenbergia violacea (f 10/2/16)		harebell

Monocotyledonous herbaceous species

Arthropodium bifurcatum (P)		
Arthropodium candidum		
Astelia fragrans (unc)		
Astelia hastatum	kahakaha	
Astelia solandri		

Dianella nigra	tūrutu	blueberry
Libertia grandiflora		
Libertia ixioides	mīkoikoi	N.Z. iris sp.
Phormium cookianum subsp hookeri	wharariki	coastal flax
Phormium tenax	harakeke	swamp flax