

# TRELISSICK PARK – vascular adventive 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, 1<sup>st</sup> 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-adventive shrublands, native plantings and weeds.

**Tenure:** Wellington City Council and leased railway land.

**Status:** Scenic Reserve under the Reserves Act 1977.

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

**Regional authority:** Greater Wellington Regional Council.

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

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

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

<sup>2</sup> *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.

(This list is subject to further updates)

## Abbreviations

agg. = aggregate

f = flowering

s = seeding

sp. = species

subsp. = subspecies

var. = variety

# = added to list by Trelissick Park Group (observed)

## Gymnosperm trees and shrubs

*Cryptomeria japonica* 'Elegans'

*Pinus radiata*

*Pseudotsuga menziesii*

Douglas fir

## Dicotyledonous trees and shrubs

*Acer pseudoplatanus*

sycamore

*Alnus glutinosa*

alder

*Berberis darwinii*

Darwin's barberry

*Berberis glaucocarpa*

barberry

*Buddleja davidii*

butterfly bush

*Chamaecytisus palmensis*

tree lucerne

*Cytisus scoparius*

broom

*Eleagnus x reflexus*

eleagnus

*Fuchsia magellanica*

Magellan fuchsia

*Genista stenopetala*

*Grevillea* sp. (muelleri?)

grevillea sp.

*Hakea* sp.

a hakea sp.

*Hydrangea macrophylla*

*Hypericum androsaemum*

tutsan

*Ilex aquifolium*

holly

*Laurus nobilis* #

bay laurel

*Ilex aquifolium*

holly

*Paraserianthes lophantha*

brush wattle

*Prunus avium* #

cherry

*Prunus serratus*

flowering cherry

*Rhamnus alaternus*

evergreen buckthorn

*Salix fragilis*

crack willow

*Sambucus nigra*

elderberry

*Ulex europaeus*

gorse

## Monocotyledonous lianes

*Asparagus scandens*

climbing asparagus

## Dicotyledonous lianes and related trailing plants

*Calystegia silvatica*

great bindweed

Clematis vitalba	old man' beard
Delairea odorata (f 25/6/16)	German ivy
Hedera helix	helix ivy
Lonicera japonica	Japanese honeysuckle
Rubus fruticosus agg.	blackberry
Rumex sagittatus	climbing dock
Wisteria sinensis	wistaria
<b>Psilopods, lycopods and quillworts</b>	
Selaginella kraussiana	selaginella
<b>Ferns</b>	
Adiantum raddianum	
Dryopteris filix-mas	male fern
Pteris cretica	cretan brake
<b>Grasses</b>	
Arrhenatherum elatius	tall oat grass
Briza maxima	large quaking grass
Bromus willdenowii	prairie grass
Cortaderia selloana	pampas
Dactylis glomerata	cocksfoot
Ehrharta erecta	veld grass
Lolium arundinaceum subsp. arundinaceum	tall fescue
Lolium perenne	perennial ryegrass
Paspalum dilatatum	paspalum
Poa annua	annual poa
Setaria sp.	bristle grass
<b>Sedges</b>	
Cyperus eragrostis	umbrella sedge
<b>Rushes and allied plants</b>	
Juncus effusus var. effusus	soft rush
Juncus tenuis subsp. tenuis	track sedge
<b>Remaining monocotyledonous plants</b>	
Agapanthus praecox	
Allium triquetrum	onion weed
Arum italicum	Italian arum
Crocasmia x crocosmiiflora (f 10/2/16)	montbretia
Tradescantia fluminensis (f 10/2/16)	wandering willie
Zantedeschia aethiopica	arum lily
<b>Daisy-like herbs (composites)</b>	
Bellis perennis	daisy
Cirsium vulgare	thistle
Crepis capillaris	smooth hawksbeard
Dahlia coccinea x D. pinnata	dahlia
Erigeron karvinskianus (f 10/2/16)	Mexican daisy

Erigeron sumatrensis  
Galinsoga parviflora (f 23/6/16)  
Hypochoeris radicata  
Jacobaea vulgaris  
Lapsana communis (f 10/2/16)  
Leucanthemum vulgare  
Mycelis muralis  
Sonchus oleraceus (f 2/6/16)  
Taraxacum officinale (f 10/2/16)

fleabane  
gallant soldier  
catsear  
ragwort  
nipplewort  
ox-eye daisy  
  
sow thistle  
dandelion

### **Dicotyledonous herbs other than composites**

Acanthus mollis (f 3/6/16)  
Anagallis arvensis subsp. arvensis var. arvensis (f 10/2/16)  
Apium nodiflorum (f 10/2/16)  
Brassica fruticulosa subsp. mauritanica (f 25/6/16)  
Brassica rapa subsp. sylvestris  
Callitriche stagnalis  
Cedronella canariensis  
Centaurea erythraea (f 10/2/16)  
Centranthus ruber (f 10/2/16)  
Cerastium fontanum  
Cymbalaria muralis  
Digitalis purpurea  
Erythranthe guttata (f 10/2/16)  
Euphorbia peplus  
Foeniculum vulgare (f 10/2/16)  
Galeobdolon luteum  
Geranium molle  
Geranium robertianum (f 10/2/16)  
Gunnera tinctoria  
Impatiens glandulifera  
Lamium purpureum  
Lepidium didymum  
Lobularia maritima  
Myosotis silvatica  
Oxalis incarnata  
Parietaria judaica  
Persicaria maculosa (f 10/2/16)  
?Petasites pyrenaicus  
Petroselinum crispum (s 10/2/16)  
Plantago lanceolata  
Plantago major  
Polygonum aviculare (f 10/2/16)  
Prunella vulgaris  
Ranunculus repens (f 10/2/16)  
Raphanus raphanistrum  
    subsp. raphanistrum (f & s 10/2/16)  
Rumex acetosella  
Rumex obtusifolius

bear's breeches  
scarlet pimpernel  
water celery  
twiggy turnip  
wild turnip  
starwort  
balm of Gilead  
centaury  
spur valerian  
mouse-ear chickweed  
ivy-leaved toadflax  
foxglove  
monkey musk  
milk weed  
fennel  
aluminium plant  
  
herb Robert  
Chilean rhubarb  
Himalayan balsam  
red dead nettle  
twin cress  
alyssum  
forget-me-not  
sourgrass  
pellitory of the wall  
willow weed  
  
parsley  
narrow-leaved plantain  
broad-leaved plantain  
wireweed  
selfheal  
creeping buttercup  
  
wild radish  
sheep sorrel  
broad-leaved dock

Sagina procumbens	pearlwort
Silene dioica (f 3/6/16)	red campion
Sisymbrium officinale (f & s 10/2/16)	hedge mustard
Solanum chenopodioides (f 10/2/16)	velvet nightshade
Solanum nigrum (f 10/2/16)	black nightshade
Solanum pseudocapsicum	Jerusalem cherr
Soliva sessilis	Onehunga weed
Stachys silvatica (f & s 10/2/16)	woundwort
Stellaria media	chickweed
Trifolium pratense (f 10/2/16)	red clover
Trifolium repens (f 10/2/16)	white clover
Tropaeolum majus	nasturtium
Verbascum virgatum	
Vicia sativa	vetch
Vinca major	periwinkle