

On bibliography ✓
On chase ✓

APPENDIX 4 Indigenous Plant Species, Inner Town Belt, Wellington

FERN ALLIES

Lycopodium scariosum, uncommon, small patch under large kanuka on edge of pine plantation below Connaught Tce

FERNS

Adiantum cunninghamii, maidenhair fern, local, clay banks

A. viridescens, local, Botanic Garden

Asplenium bulbiferum, hen and chicken fern, common in secondary forest and pine stands

A. flabellifolium, local, on sunny banks

A. flaccidum, common in pine and macrocarpa stands

A. hookerianum, local in dense macrocarpa stand, Tinakori Hill

A. oblongifolium, shining spleenwort, abundant in secondary forests and pine stands

A. polyodon, common in advanced secondary forest

A. terrestre, common in secondary forests and pine stands

Blechnum chambersii, common in secondary forests

B. discolor, crown fern, uncommon in secondary scrub

B. filiforme, common in advanced secondary growth

B. fluviatile, uncommon in damp broadleaved undergrowth of a pine stand, Tinakori Hill

B. membranaceum, local in advanced secondary forest, Botanic Garden

B. procerum, secondary forest, Tinakori Hill

B. vulcanicum, local in advanced secondary forest, Tinakori Hill

B. sp. (B. capense-black spot), kiokio, occasional in damp secondary forest

Cyathea dealbata, ponga, common in secondary forest

C. medullaris, mamaku, common in secondary forest

Dicksonia squarrosa, wheki, uncommon under pine with well developed broadleaved understorey, Tinakori Hill

Doodia media, local on dry clay banks

Grammitis billardierei, local on clay bank, Botanic Garden

Histiopteris incisa, uncommon, in damp clearing of pine forest, upper slopes, Tinakori Hill

Hymenophyllum demissum, filmy fern, common in secondary forest, Botanic Garden

Hypolepis ambigua, occasional in rank grassland

Lastreopsis glabella, common in secondary forest

L. velutina, occasional in broadleaved undergrowth under pines, Tinakori Hill

Leptopteris hymenophylloides, local in secondary forest, Botanic Garden

Paesia scaberula, uncommon, under manuka, on track down from Connaught Tce
Pellaea rotundifolia, occasional under dense pine and macrocarpa, Tinakori Hill
Phymatosorus diversifolius, hound's tongue fern, abundant under pines, common in secondary forest

P. scandens, local, in secondary coastal forest, Botanic Garden

Pneumatopteris pennigera, occasional in damp second growth and along water courses

Polystichum richardii, shield fern, common in pine stands and secondary forest

P. vestitum, uncommon, under dense macrocarpa, upper slopes of Tinakori Hill

Pteridium esculentum, bracken, common in rank grasslands

Pteris tremula, local in secondary forests

Pyrosia serpens, common in pine stands

GYMNOSPERM TREES

Dacrydium cupressinum, rimu, small tree planted under pine, Tinakori Hill

Phyllocladus trichomanoides, tanekaha, mature trees planted under pine, Tinakori Hill

Podocarpus totara, totara, planted in Botanic Garden and seeding into kanuka forest, planted on Tinakori Hill

MONOCOTYLEDONOUS TREES

Cordyline australis, cabbage tree, common in young secondary forest

Rhopalostylis sapida, nikau, local, advanced secondary forest, Botanic Garden

DICOTYLEDONOUS TREES AND SHRUBS

Alectryon excelsus, titoki, common in advanced secondary forest, Botanic Garden

Aristotelia serrata, wineberry, uncommon on margins of secondary forest, Brooklyn Plantations

Beilschmiedia tawa, tawa, uncommon and local, mature trees and a few seedlings in advanced second growth, Botanic Garden

Brachyglottis greyii cv., planted shrubs regenerating on Tinakori Hill

B. repanda, rangiora, common in young and advanced second growth, also under pines

Carpodetus serratus, putaputaweta, uncommon, in advanced second growth on Tinakori Hill

Cassinia leptophylla, tauhinu, common in rank grassland on dry clay banks

Coprosma areolata, uncommon, secondary scrub alongside Britomart Street

- C. grandifolia*, kanono, common in secondary growth
- C. lucida*, common in second growth, occasional under pine
- C. propinqua*, occasional in young second growth
- C. repens*, taupata, common to abundant in young secondary forest
- C. rhamnoides*, common in dry secondary forests, occasional under pine
- C. robusta*, karamu, abundant in young secondary forests
- Corokia cotoneaster*, korokio, planted shrub
- Corynocarpus laevigatus*, karaka, common in advanced second growth
- Dodonea viscosa*, akeake, common in advanced secondary forests on dry ridges, much planted on Town Belt
- Dysoxylum spectabile*, kohekohe, abundant in advanced secondary forest, Botanic Garden
- Elaeocarpus dentatus*, hinau, dominant in advanced secondary forest, Botanic Garden, pre-European trees also survive in Botanic Garden
- Entelea arborescens*, whau, planted, Botanic Garden, Tinakori Hill
- Fuchsia excorticata*, kotukutuku, uncommon, in secondary forest, Botanic Garden
- Geniostoma rupestre*, hangehange, common in secondary forest and under pine
- Griselinia littoralis*, kapuka, common in native plantings around Town Belt
- Hebe stricta* var. *atkinsonii*, koromiko, common in rank grasslands and young secondary forests
- Hebe* species and cultivars, numerous plantings
- Hedycarya arborea*, pigeonwood, local in advanced secondary forest
- Hoheria populnea*, lacebark, common in young and advanced second growth, occasional under pines, regenerates freely but not native to Wellington Peninsula
- Knightia excelsa*, rewarewa, local in advanced secondary forest, Botanic Garden and Tinakori Hill
- Kunzea ericoides*, kanuka, dominant in secondary forest, Botanic Garden, uncommon in second growth elsewhere
- Laurelia novae-zelandiae*, pukatea, locally abundant in Fern Glen Gully amongst advanced secondary forest, Botanic Garden
- Leptospermum scoparium*, manuka, occasional in established secondary scrub and open sites
- Leucopogon fasciculatus*, mingimingi, occasional in dry secondary forest, Botanic Garden
- Litsea calicaris*, mangeo, planted on Tinakori Hill
- Lophomyrtus bullata*, ramarama, local in secondary forest, Botanic Garden
- Macropiper excelsum*, kawakawa, common in understorey of secondary forest, occasional under pine
- Melicope ternata*, wharangī, occasional in secondary forest, Botanic Garden, Tinakori Hill
- Melicytus crassifolius*, local under pines, common on summit rocks, Mt Victoria

- M. ramiflorus*, mahoe, abundant to dominant in secondary scrub and forest
- Meryta sinclairii*, puka, planted in grassland, Mt Victoria
- Metrosideros excelsa*, pohutukawa, common to abundant in secondary forest, extensively planted and now completely naturalised and freely regenerating in secondary forests and open sites around Wellington
- M. robusta*, northern rata, two large trees occur naturally in Botanic Garden, some trees planted on Tinakori Hill
- Myoporum laetum*, ngaio, common to abundant in secondary forest
- Myrsine australis*, red matipo, occasional in secondary forest
- M. salicina*, toro, local in secondary forest, Botanic Garden
- Nestegis cunninghamii*, black maire, local in secondary forest
- Nothofagus fusca*, red beech, planted on Tinakori Hill
- N. solandri* var. *solandri*, black beech, planted on Tinakori Hill and Hataitai Park
- Olearia albida*, occasionally planted
- Olearia paniculata*, akiraho, common in young secondary forest
- O. rani*, heketara, occasional in secondary forest
- O. traversii*, Chatham Is. akeake, occasionally planted
- Pennantia corymbosa*, kaikomako, occasional in secondary forest
- Phebalium nudum*, occasionally planted
- Pittosporum crassifolium*, karo, abundant in secondary forest and under pines, completely naturalised in regenerating forests around Wellington
- Pittosporum eugenioides*, lemonwood, common in secondary forest
- P. ralphii*, common in secondary forest and under pines, extensively planted and now freely regenerating in Town Belt
- P. tenuifolium*, kohuhu, common in secondary forest
- Pomaderris apetela*, planted in Botanic Garden
- Pseudopanax arboreus*, fivefinger, common in advanced secondary forests
- P. crassifolius*, lancewood, occasional in secondary forests
- P. edgerleyi*, uncommon in advanced secondary forest, Botanic Garden
- P. laetus*, planted, Mt Victoria
- Pseudopanax hybrids*, common in secondary forests, presumably derived from planted stock, regenerating freely
- Pseudowintera axillaris*, uncommon in advanced secondary forests
- Schefflera digitata*, pate, common in advanced secondary forests especially in moist locations
- Solanum aviculare*, poroporo, common in young secondary scrub and disturbed sites in forest
- Sophora microphylla*, kowhai, occasionally planted and regenerating freely

Streblus heterophyllus, one plant amongst broadleaved regeneration under pines just above Manchester Street, possibly planted

Vitex lucens, puriri, occasionally planted

Weinmannia racemosa, kamahi, occasional in secondary forest, Botanic Garden and Tinakori Hill

CLIMBERS AND TRAILING PLANTS

Clematis forsteri, uncommon, advanced secondary forest

C. paniculata, occasional in advanced secondary forest

Freycinetia baueriana ssp. *banksii*, kiekie, local, advanced secondary forest, Botanic Garden

Metrosideros diffusa, local, secondary forest, Botanic Garden

Metrosideros fulgens, occasional, advanced secondary forest

M. perforata, common in established secondary forest

Muehlenbeckia australis, pohuehue, local in advanced secondary forest, Botanic Garden

M. complexa, common to dominant in secondary scrub and advanced growth

Parsonsia heterophylla, native jasmine, occasional in secondary forest

Passiflora tetrandra, native passionfruit, occasional in secondary forest

Ripogonum scandens, supplejack, local in advanced secondary forest, Botanic Garden

Rubus cissoides, bush lawyer, common in advanced secondary forest

Tetragonia trigyna, occasional in scrub and under pines

GRASSES, SEDGES, AND RUSHES

Carex dissita, occasional in secondary forest

C. flagellifera, uncommon, alongside a track, Mt Victoria

C. geminata, uncommon, alongside creeks, Mt Victoria, Wakefield Park

Cortaderia fulvida, occasionally planted and self-sown in rank grassland

C. toetoe, toitoi, occasionally planted

Dichelachne crinita, plume grass, on track sides, Botanic Garden

Gahnia setifolia, local under kanuka, Botanic Garden

Isolepis prolifer, in open wet seepages, Wakefield and Macalister Parks

Juncus pallidus, in damp rank grass, Bolton St Cemetery

Luzula picta, occasional in regenerating forest and under pines

Microlaena avenacea, bush rice grass, occasional in dry secondary forest

M. stipoides, occasional in dry secondary forest, Botanic Garden

Poa anceps, occasional on shaded banks

- Poa cita*, silver tussock, uncommon in rank grass on the upper slopes of Mt Victoria
Rytidosperma spp., common on dry banks and in regenerating forest and pine plantations
Uncinia banksii, occasional in regenerating forest
U. uncinata, hook grass, common in advanced secondary forest

HERBS

- Acaena anserinifolia*, pipiriri, in bracken-blackberry association, Tanera Park
Arthropodium cirratum, rengarenga lily, planted and now growing wild, Bolton St, Central Park
Astelia fragrans, in damp secondary forest, Stellin Park
A. solandri, growing terrestrially in Stable Gully, Botanic Garden
Cardamine sp., occasional in secondary forest
Centella uniflora, occasional in grassland
Dianella nigra, native blueberry, common alongside tracks in advanced secondary forests
Dichondra brevifolia, local, in mown grass, Mt Victoria
D. repens, occasional in pine forest
Earina autumnalis, uncommon, one plant seen alongside track near Met. Office, possibly introduced
Epilobium nummularifolium, local, on rocky banks
E. rotundifolium, local, on damp banks, Tinakori Hill
Gnaphalium audax, cudweed, local in short grassland, Botanic Garden, Central Park
G. involucreatum, cudweed, local in wet flush, Wakefield Park
Haloragis erecta, common, rank grasslands and secondary scrub
Hydrocotyle heteromeria, waxweed, common, damp lawns and forest margins
H. moschata, pennywort, local, damp grassland and forest floors
Microtis unifolia, in mown grass, Botanic Garden
Parietaria debilis, on road verge, Brooklyn Hill.
Phormium tenax, flax, much planted
P. cookianum, coastal flax, much planted, some natural in rank grassland and on banks on Mt Victoria
Pseudognaphalium luteo-album, on dry clay bank, Botanic Garden
Pterostylis alobula, local, under kanuka forest, Botanic Garden
Solanum americanum, nightshade, in rank grassland and young scrub
Thelymitra longifolia, in mown grass on clay ridge, above Britomart St
Wahlenbergia sp., occasional in grassland