

Coromandel: Waiau Kauri

Graeme Jane

On the afternoon of Saturday 6 November 2021, we headed to the Waiau Kauri on the 309 Road. On the way we stopped briefly, in error as others have done, 1 km short of our intended destination at the short Waiau Falls Walk. It was a good contrast to the kauri walk. The waterfall track was swamped by *Selaginella kraussiana* and the forest was dominated by tree ferns and mahoe, the waterfall clothed in wandering Jew.

The short kauri walk was a nice contrast. Although *Selaginella kraussiana* was common at the start of the track and tree ferns were common, by the time we reached the lookout the forest, although modified, was pretty weed-free. The lookout provided a spectacular overview of the stand. The stand is a piece of unlogged mature forest that was rescued from the loggers in the 1940s as a result of a concerted effort by concerned locals. The area was to be logged as part of the war effort. It is now one of only a few mature kauri stands remaining on the Coromandel Peninsula outside of the Manaia Kauri Sanctuary (also rescued in the 1970s) and the only one easily accessible.

The large bare boles of the mature kauri stand out from the surrounding forest and the crowns form a high canopy. Epiphytes such as *Astelia hastata* are prominent in the canopy. A few large pale green round-crowned *Nestegis montana* also stand out beneath. In the foreground tawa, mahoe, nikau and kohekohe with emergent kohekohe and rewarewa provide a frame to the view with supplejack sprawling in the canopy.

Beneath the kauri, plants of particular interest included *Mida salicifolia*, *Quintinia serrata*, *Brachyglottis kirkii* and terrestrial *Pittosporum cornifolium*. Amongst the kauri litter and *Schizaea dichotoma*, *Pterostylis agathicola* was still in flower and *Acianthus sinclairii* and *Corybas acuminatus* in fruit. These were significant additions to a previous list. Near the creek a good list of filmy ferns was noted including kidney fern and the bronze *Hymenophyllum frankliniae*, and a typical tangle of *Lygodium articulatum*.

Waiau Kauri (Coromandel) species list

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Visit Dates: 14-07-1997; 5-11-2021

Map: BA35 Grid Ref: 1827160 5920720

*= exotic or naturalised species

Psilopsids, Lycopods & Quillworts

Lycopodium deuterodensum

puakarimu

Lycopodium volubile

waewae-koukou; climbing clubmoss

* *Selaginella kraussiana*

Ferns

Asplenium flaccidum

hanging spleenwort; makawe

Asplenium oblongifolium

shining spleenwort

Asplenium polyodon

sickle spleenwort; petako

Blechnum chambersii

nini; lance fern

Blechnum discolor

crown fern; piupiu; petipeti

Blechnum fluviatile

kiwakiwa; kiwikiwi

Blechnum fraseri

Blechnum novae-zelandiae

kiokio

Cyathea dealbata

ponga; silver fern

Cyathea medullaris

mamaku; korau; black tree fern

Cyathea smithii

soft-leaved tree fern; katote

Dicksonia squarrosa

wheki; harsh tree fern

Hymenophyllum bivalve

Hymenophyllum demissum

piripiri; irirangi

Hymenophyllum dilatatum

lop-sided filmy fern

Hymenophyllum flabellatum

fan fern

Hymenophyllum frankliniae

Hymenophyllum nephrophyllum

kidney fern; raurenga

Hymenophyllum rarum

wire-stemmed filmy fern

Hymenophyllum revolutum

Hymenophyllum sanguinolentum

blood-scented filmy fern

Hymenophyllum scabrum

coarse-haired filmy fern

Lastreopsis hispida

hairy fern, hairy legs

Loxogramme dictyopteris

sexy fern

Lygodium articulatum

mangemange; bushman's mattress

Microsorium pustulatum subsp. *pustulatum*

Hound's tongue; kowaowao

Microsorium scandens

mokimoki; fragrant fern

Notogrammitis heterophylla

Paesia scaberula

scented fern; matata; ring fern

Pneumatopteris pennigera

gully fern; pakau; pakauharoha

Pteridium esculentum

bracken; rauaruhe

Pyrrosia elaeagnifolia

leather-leaf fern

Rumohra adiantiformis

butcher's fern

Schizaea dichotoma

fan fern

Tmesipteris elongata

Tmesipteris sigmatifolia

<i>Tmesipteris tannensis</i>	chain fern; fork fern
<i>Trichomanes elongatum</i>	bristle fern
<i>Trichomanes venosum</i>	veined bristle fern

Gymnosperm trees and shrubs

<i>Agathis australis</i>	kauri
<i>Dacrycarpus dacrydioides</i>	kahikatea, white pine
<i>Dacrydium cupressinum</i>	rimu, red pine
<i>Podocarpus laetus</i>	Hall's totara; thin-bark totara
<i>Prumnopitys ferruginea</i>	miro; brown pine

Dicotyledonous trees and shrubs

* <i>Ageratina adenophora</i>	Mexican devil weed
<i>Alseuosmia macrophylla</i>	toropapa; shrubby honeysuckle
<i>Aristotelia serrata</i>	wineberry; makomako
<i>Beilschmiedia tarairi</i>	taraire
<i>Beilschmiedia tawa</i>	tawa
<i>Brachyglottis kirkii</i> var. <i>angustior</i>	
<i>Brachyglottis kirkii</i> var. <i>kirkii</i>	Kirk's daisy
<i>Brachyglottis repanda</i>	rangiora; bushman's friend
<i>Coprosma autumnalis</i>	raurekau; kanono; mamono
<i>Coprosma lucida</i>	karamu; shining karamu
<i>Coprosma robusta</i>	karamu
<i>Dysoxylum spectabile</i>	kohekohe
<i>Elaeocarpus dentatus</i> var. <i>dentatus</i>	hinau
<i>Fuchsia excorticata</i>	fuchsia; kotukutuku
<i>Gaultheria antipoda</i>	snowberry; tawiniwini
<i>Geniostoma ligustrifolium</i> var. <i>ligustrifolium</i>	hangehange; privet
<i>Griselinia lucida</i>	puka
<i>Hedycarya arborea</i>	pigeonwood; porokaiwhiri
<i>Knightia excelsa</i>	rewarewa; NZ honeysuckle
<i>Kunzea ericoides</i>	kanuka; white teatree
<i>Leptospermum scoparium</i> var. <i>scoparium</i>	manuka; red teatree
<i>Leucopogon fasciculatus</i>	mingimingi; kaikaitau
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	mahoe
<i>Metrosideros robusta</i>	northern rata
<i>Mida salicifolia</i>	willow-leaved maire
<i>Myrsine australis</i>	red matipo; mapou
<i>Myrsine salicina</i>	toro
<i>Nestegis lanceolata</i>	white maire
<i>Nestegis montana</i>	orooro; narrow-leaved maire
<i>Olearia furfuracea</i>	akepiro
<i>Olearia rani</i> var. <i>rani</i>	heketara
* <i>Paraserianthes lophantha</i>	brush wattle
<i>Pittosporum cornifolium</i>	tawhirikaro; perching kohukohu
<i>Pittosporum tenuifolium</i>	black matipo; kohuhu
<i>Pseudopanax arboreus</i>	five-finger; puhou; whaupaku
<i>Pseudopanax crassifolius</i>	lancewood; horoeka
<i>Pterophylla sylvicola</i>	towai; tawhero

<i>Quintinia serrata</i>	Westland quintinia; tawheowheo
* <i>Rhaphiolepis bibas</i>	loquat
<i>Schefflera digitata</i>	pate; patae; kotete
* <i>Solanum mauritianum</i>	woolly nightshade

Dicotyledonous lianes and related trailing plants

<i>Clematis cunninghamii</i>	scented clematis; pokopoko
<i>Clematis paniculata</i>	clematis; puawhananga
<i>Metrosideros diffusa</i>	white climbing rata; akatea
<i>Metrosideros fulgens</i>	scarlet rata; winter rata
<i>Metrosideros perforata</i>	aka; small white rata; torotoro
<i>Rubus cissoides</i>	bush lawyer; tataramoa

Daisy-like herbs

* <i>Bellis perennis</i>	lawn daisy
* <i>Cirsium vulgare</i>	Scotch thistle
* <i>Crepis capillaris</i>	hawksbeard
* <i>Erigeron sumatrensis</i>	broad-leaved fleabane
* <i>Gamochaeta coarctata</i>	
* <i>Jacobaea vulgaris</i>	ragwort
<i>Pseudognaphalium luteoalbum</i>	Jersey cudweed
* <i>Sonchus oleraceus</i>	sow thistle; puha; puka

Dicotyledonous herbs other than Daisies

<i>Centella uniflora</i>	
* <i>Cerastium fontanum</i> subsp. <i>vulgare</i>	mouse-eared chickweed
<i>Epilobium rotundifolium</i>	round-leaved willowherb
<i>Geranium solanderi</i>	
<i>Hydrocotyle microphylla</i>	hydrocotyle
<i>Lobelia anceps</i>	wild lobelia
<i>Lobelia angulata</i>	panakenake
* <i>Lotus pedunculatus</i>	lotus major
* <i>Nasturtium officinale</i>	watercress
<i>Nertera dichondrifolia</i>	hairy nertera
* <i>Plantago australis</i>	swamp plantain
* <i>Plantago lanceolata</i>	ribwort; narrow-leaved plantain
* <i>Prunella vulgaris</i>	selfheal
<i>Ranunculus reflexus</i>	maruru; hairy buttercup
<i>Solanum americanum</i>	small-flowered nightshade

Monocotyledonous trees and shrubs

<i>Rhopalostylis sapida</i>	nikau
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Monocotyledonous lianes

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

Sedges

<i>Carex dissita</i>	
<i>Carex lambertiana</i>	

<i>Carex uncinata</i>	watu
* <i>Cyperus eragrostis</i>	
<i>Gahnia setifolia</i>	
<i>Isolepis subtilissima</i>	
<i>Schoenus maschalinus</i>	
Rushes and allied plants	
<i>Juncus planifolius</i>	
<i>Luzula picta</i> var. <i>limosa</i>	
Grasses	
* <i>Anthoxanthum odoratum</i>	sweet vernal
* <i>Briza minor</i>	shivery grass
* <i>Entolasia marginata</i>	bordered panic grass
* <i>Holcus lanatus</i>	Yorkshire fog
<i>Microlaena avenacea</i>	bush rice grass; oat grass
<i>Microlaena stipoides</i>	forest rice grass
<i>Oplismenus hirtellus</i> ssp. <i>imbecillis</i>	oat grass
<i>Rytidosperma clavatum</i>	
* <i>Sporobolus africanus</i>	needle grass; ratstail
Remaining Monocotyledonous herbs	
<i>Astelia hastata</i>	kahakaha
<i>Astelia solandri</i>	kowharawhara
<i>Astelia trinervia</i>	
<i>Dianella nigra</i>	blueberry; turutu
* <i>Hedychium gardnerianum</i>	wild ginger
Orchids	
<i>Acianthus sinclairii</i>	heart-leaf orchid
<i>Bulbophyllum pygmaeum</i>	
<i>Corybas acuminatus</i>	
<i>Dendrobium cunninghamii</i>	bamboo orchid
<i>Drymoanthus adversus</i>	
<i>Earina autumnalis</i>	Easter orchid; raupeka
<i>Earina mucronata</i>	spring orchid; peka-a-waka
<i>Microtis unifolia</i>	onion orchid
<i>Pterostylis agathicola</i>	
<i>Pterostylis banksii</i>	tutukiwi