

Raparapahoe Falls trip, 27 February 2022

Paul Robbins

All photos by Paul Robbins

Eleven of us met at Raparapahoe carpark on No. 4 Road, Te Puke, where we headed to house No. 293 to investigate a historical record (from 2001) of *Tupeia antarctica* growing on four *Pseudopanax arboreus*. The new owners of the property had kindly given permission to explore their property and access the gully to the Raparapahoe Stream.

Unfortunately, no mistletoe were found despite Mr Mistletoe, Paul Cashmore, being with us on our thorough search of all the likely hosts (five-finger and tree lucerne).

Nonetheless, a few discoveries were made in the garden. A foul smell turned out to be the well-named octopus stinkhorn *Clathrus archeri*.



Bright orange octopus stinkhorn.



Gael found some *Drymoanthus adversus*, on a maple, *Acer palmatum*, noting it could be the first record of it growing on an exotic tree.



A rather unwelcome discovery was myrtle rust growing on a planted *Metrosideros carminea*. Though sad to see, those of us who were unfamiliar with myrtle rust found it useful for future reference.

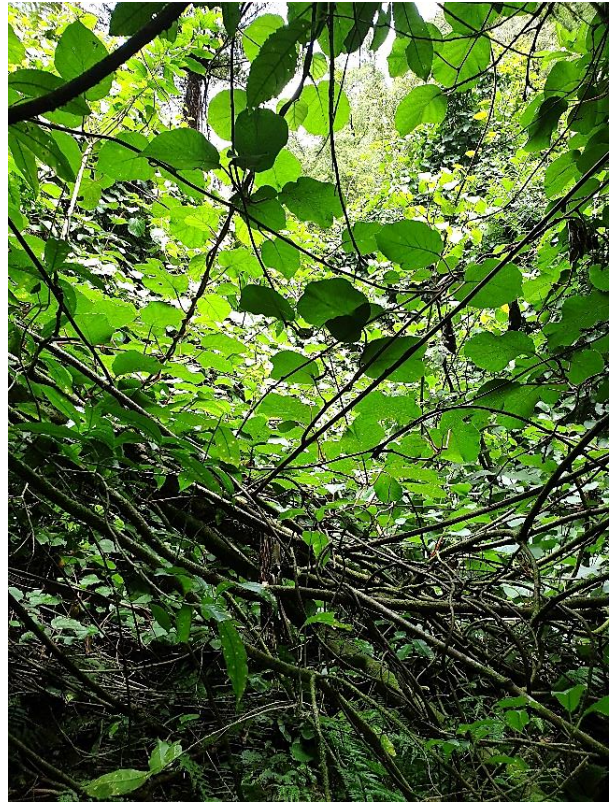
The path leading down the gully had rather unstable-looking steep steps and so the group of eleven split in two, one group electing to brave the steps down the gully, the other wisely deciding to return to the carpark and head down the track to the falls.

The steep steps thankfully held and didn't go far, the rest of the trail to the stream turned out to have a gentler gradient than the official track to the falls. The gully was made up of coastal forest dominated by tawa (*Beilschmiedia tawa*) and rewarewa (*Knightia excelsa*). Highlights along the way were a rewarewa-looking imposter, macadamia, and one of the promised plants of the trip, *Peperomia tetraphylla*. The latter appeared quite partial to growing on tawa and the gully hosted a healthy number of them.

A nice spot for lunch was found by the stream, before heading back to the carpark and falls track to meet the other group. Upon reconvening, we explored along the stream off-track finding the second promised plant, king fern (*Ptisana salicina*) along the gully. A host of weed species were also found, the most prominent being large kiwi fruit vines (*Actinidia chinensis*), Kahili ginger (*Hedychium gardnerianum*) and plectranthus (*Plectranthus ciliatus*).



Peperomia tetraphylla



A few hardy veterans even took down a sizable kiwifruit vine with saw and gel.

Before heading back, approximately 19 king fern were counted, rounding up a good day's botanising. A big thank you to Paul Cashmore who organised access to look for the mistletoe and everyone who came along for the trip and made the day most enjoyable.

Raparapahoe Falls Tracks species list

Graeme Jane

Key: left x = track to Falls;
right x = private track to old pump station,
'_' = absent
* = exotic or introduced species

Gymnosperm trees and shrubs

_x *Dacrycarpus dacrydioides*
x_ *Phyllocladus trichomanoides*
xx * *Pinus radiata*
_x *Podocarpus laetus* (*P. hallii*,
P. cunninghamii)
xx *Podocarpus totara* var. *totara*

Monocotyledonous trees and shrubs

xx *Cordyline australis*
xx *Cordyline banksii*
x_ *Cordyline pumilio*

x_ *Rhopalostylis sapida*

Dicotyledonous trees and shrubs

xx *Alectryon excelsus* subsp. *excelsus*
x_ *Alseuosmia macrophylla*
xx *Aristotelia serrata*
xx *Beilschmiedia tawa*
xx *Brachyglottis repanda*
xx *Coprosma autumnalis*
xx *Coprosma lucida*
xx *Coprosma robusta*

xx *Coriaria arborea* var. *arborea*
xx *Corynocarpus laevigatus*
xx *Didymocheton spectabilis* (*Dysoxylum*)
x_ *Elaeocarpus dentatus* var. *dentatus*
xx *Entelea arborescens*
xx *Fuchsia excorticata*
x_ *Gaultheria antipoda*
xx *Geniostoma ligustrifolium* var.
ligustrifolium
xx *Hebe stricta* var. *stricta* ss
xx *Hedycarya arborea*
xx * *Hypericum androsaemum*
xx * *Juglans ailtantifolia*
xx *Knightia excelsa*
xx *Kunzea robusta*
xx *Laurelia novae-zelandiae*
xx *Leucopogon fasciculatus*
xx *Litsea calicaris*
x_ * *Macadamia integrifolia*
xx *Melicytus ramiflorus* subsp. *ramiflorus*
xx *Myrsine australis*
xx *Olearia rani* var. *colorata*
xx * *Paraserianthes lophantha*
xx *Piper excelsum* subsp. *excelsum*
(Macropiper)
x_ *Pomaderris amoena*
xx * *Prunus campanulata*
x_ *Pseudopanax arboreus* agg.
x_ *Pseudopanax crassifolius*
xx *Pterophylla racemosa* (*Weinmannia*)
x_ * *Salix cinerea*
xx *Schefflera digitata*
x_ *Syzygium maire*
x_ * *Syzygium smithii*
x_ * *Ulex europaeus*

Monocotyledonous lianes

x_ * *Asparagus asparagoides*
x_ *Freycinetia banksii*
xx *Ripogonum scandens*

Dicotyledonous lianes & related trailing plants

x_ * *Anredera cordifolia* subsp. *cordifolia*
x_ *Calystegia sepium* subsp. *roseata*
x_ *Clematis cunninghamii*
x_ *Clematis foetida*
xx *Metrosideros diffusa*
xx *Metrosideros fulgens*
xx *Metrosideros perforata*

x_ *Muehlenbeckia australis*
x_ *Muehlenbeckia complexa*
xx *Parsonsia heterophylla*
x_ *Passiflora tetrandra*
xx * *Rubus fruticosus* agg.

Psilopsids, Lycopods & Quillworts

x_ *Lycopodium deuterodensum*
xx * *Selaginella kraussiana*

Ferns

xx *Adiantum cunninghamii*
x_ *Adiantum viridescens*
xx *Asplenium bulbiferum*
xx *Asplenium flaccidum* ss
x_ *Asplenium hookerianum*
xx *Asplenium oblongifolium*
xx *Asplenium polyodon*
x_ *Blechnum chambersii* (*Austroblechnum*)
xx *Blechnum filiforme* (*Icarus*)
xx *Blechnum novae-zelandiae*
(*Parablechnum*)
x_ *Blechnum parrisiae*
xx *Cyathea dealbata*
xx *Cyathea medullaris*
xx *Deparia petersenii* subsp. *congrua*
x_ *Dicksonia squarrosa*
x_ *Diplazium australe*
xx *Hymenophyllum demissum*
x_ *Hymenophyllum dilatatum*
x_ *Hymenophyllum flabellatum*
x_ *Hymenophyllum nephrophyllum*
x_ *Hymenophyllum rarum*
x_ *Hymenophyllum revolutum*
xx *Hymenophyllum sanguinolentum*
x_ *Lastreopsis hispida*
x_ *Lecanopteris pustulata* (*Microsorium*)
x_ *Lecanopteris scandens* (*Microsorium*)
xx *Leptopteris hymenophylloides*
xx *Loxogramme dictyopteris*
(*Anarthropteris lanceolata*)
xx *Lygodium articulatum*
x_ *Notogrammitis ciliata* (*Grammitis*)
x_ *Parapolystichum glabellum* (*Lastreopsis*)
xx *Pneumatopteris pennigera*
xx *Pteridium esculentum*
x_ * *Pteris cretica*
xx *Pteris macilenta*
x_ *Pteris tremula*
x_ *Ptisana salicina* (*Marattia*)

xx	<i>Pyrrisia elaeagnifolia</i>
xx	<i>Tmesipteris elongata</i>
_x	<i>Tmesipteris lanceolata</i>
x_	<i>Trichomanes elongatum</i> (<i>Selenodesmium</i>)
x_	<i>Trichomanes endlicherianum</i> (<i>Crepidopteris</i>)
x_	<i>Trichomanes strictum</i>
x_	<i>Trichomanes venosum</i>

Orchids

x_	<i>Acianthus sinclairii</i>
xx	<i>Bulbophyllum pygmaeum</i> (<i>Ichthyostomum</i>)
x_	<i>Drymoanthus adversus</i>
xx	<i>Earina autumnalis</i>
xx	<i>Earina mucronata</i>
x_	<i>Microtis unifolia</i>
x_	<i>Pterostylis trullifolia</i> (<i>Diplodium</i> <i>trullifolium</i>)

Grasses

_x	* <i>Agrostis stolonifera</i>
_x	* <i>Anthoxanthum odoratum</i>
_x	<i>Austroderia fulvida</i>
x_	<i>Austroderia toetoe</i> (<i>Cortaderia</i>)
_x	* <i>Cortaderia selloana</i>
_x	* <i>Dactylis glomerata</i>
xx	* <i>Holcus lanatus</i>
_x	* <i>Lolium arundinaceum</i> (<i>Festuca</i> , <i>Schedenorus</i>)
xx	<i>Microlaena avenacea</i>
x_	<i>Microlaena stipoides</i>
xx	* <i>Miscanthus nepalensis</i>
xx	<i>Oplismenus hirtellus</i> subsp. <i>imbecillis</i>
x_	<i>Rytidosperma gracile</i>

Sedges

xx	<i>Carex uncinata</i> (<i>Uncinia</i>)
x_	<i>Gahnia setifolia</i>
x_	<i>Isolepis cernua</i> var. <i>cernua</i>
_x	<i>Isolepis distigmatosa</i>
x_	<i>Machaerina tenax</i> (<i>Baumea</i>)
x_	<i>Schoenus tendo</i>

Rushes and allied plants

_x	* <i>Juncus articulatus</i>
x_	* <i>Juncus tenuis</i> subsp. <i>tenuis</i>

Remaining Monocotyledonous herbs

xx	<i>Astelia hastata</i> (<i>Collospermum</i>)
_x	<i>Astelia solandri</i>
x_	<i>Astelia trinervia</i>
xx	* <i>Crocasmia xrocosmiiiflora</i>
xx	<i>Dianella nigra</i>
_x	* <i>Hedychium gardnerianum</i>
xx	* <i>Tradescantia fluminensis</i>

Daisy-like herbs

xx	<i>Anaphalioides trinervis</i>
_x	* <i>Erigeron karvinskianus</i>
xx	* <i>Erigeron sumatrensis</i>
_x	* <i>Galinsoga quadriradiata</i>
_x	* <i>Gamochaeta coarctata</i>
xx	* <i>Gamochaeta simplicicaulis</i>
xx	* <i>Hypochaeris radicata</i> (<i>Hypochoeris</i>)
x_	<i>Senecio bipinnatisectus</i>

Dicotyledonous herbs other than Daisies

x_	* <i>Acaena novae-zelandiae</i>
x_	* <i>Callitriche stagnalis</i>
_x	* <i>Cardamine flexuosa</i>
x_	* <i>Cardamine hirsuta</i> agg.
x_	* <i>Cerastium arvense</i>
xx	* <i>Digitalis purpurea</i>
xx	<i>Epilobium nerteroides</i>
x_	* <i>Geranium robertianum</i>
_x	<i>Haloragis erecta</i> subsp. <i>erecta</i>
x_	<i>Hydrocotyle novae-zeelandiae</i> var. <i>novae-zeelandiae</i>
x_	<i>Hydrocotyle pterocarpa</i>
_x	<i>Lobelia angulata</i> (<i>Pratia</i>)
xx	* <i>Lotus pedunculatus</i>
xx	* <i>Ludwigia palustris</i>
xx	* <i>Nasturtium officinale</i>
_x	* <i>Oxalis corniculata</i>
xx	<i>Peperomia tetraphylla</i>
x_	<i>Peperomia urvilleana</i>
_x	* <i>Persicaria hydropiper</i>
_x	* <i>Phytolacca octandra</i>
xx	* <i>Plantago major</i>
xx	* <i>Plectranthus ciliatus</i>
x_	* <i>Potentilla indica</i> (<i>Duchesnia</i>)
xx	* <i>Prunella vulgaris</i>
xx	* <i>Ranunculus repens</i>
_x	* <i>Rumex obtusifolius</i>
x_	<i>Solanum americanum</i> (<i>S. nodiflorum</i>)
_x	* <i>Trifolium repens</i>