

MANGAPOURI SCENIC RESERVE FIELD TRIP

John F.F. Hobbs

On a fine but frosty morning (11 August 2010) six members from as far a field as Taranaki and Katikati gathered at the Mangapouri Scenic Reserve on the Tauranga Direct Road (SH36). The reserve (39 ha) is split in two by the road.

We explored the eastern half in the morning starting at the north-western corner and proceeded in a south-easterly direction towards the Mangapouri Stream. The forest was tawa / kamahi canopy on the higher areas with tree ferns and gully fern dominating the understorey. Towards the Mangapouri Stream we encountered tanekaha (*Phyllocladus trichomanoides*) and rimu (*Dacrydium cupressinum*).



Paul Cashmore showing some ice from the stream (Photo: Chris Bycroft)

Some time was spent exploring the stream bed and banks and a few photos were taken of members trying to hold thin sheets of ice from slower flowing water. *Blechnum nigrum* and *Lygodium articulatum* were noted nearby.



Group photo in the Mangapouri Stream bed (Photo: Chris Bycroft)

We made our way up to the ridge along the northern boundary as the stream had become too confined for safe exploring. We had lunch at the eastern end of the ridge in an area that for some reason was not in the reserve but had a spectacular drop-off down to the stream. While exploring this area we found two orchids *Drymoanthus adversus* and *Acianthus sinclairii*. Heading back towards the road we noted some spectacularly straight 10m high stems of putaputaweta (*Carpodetus serratus*).

On the western side of the road we made fairly rapid progress southwards through more tawa / kamahi forest trying to dodge the supplejack (*Ripogonum scandens*). Eventually we dropped down into the Mangapouri Stream where after considerable searching we found some *Hymenophyllum atrovirens* tucked away under some boulders in the stream bed. Further eastwards we came across some towering rimu that would rival any anywhere in the country for clear bole, height and straightness – truly spectacular. Back down in the stream we found a stream-side terrace that was covered by a mass of

Lindsaea viridis. Climbing back up through the forest to a ridge we moved into an area of tawari (*Ixerba brexioides*) forest with a couple of emergent rewarewa (*Knightia excelsa*). By this time it was decided that we should head out to the road and home.

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MANGAPOURI SCENIC RESERVE VASCULAR PLANT SPECIES LIST

John F.F. Hobbs

FERNS and FERN ALLIES

<i>Asplenium flaccidum</i>	petako-paraharaha
<i>Asplenium oblongifolium</i>	huruhuruwhenua
<i>Asplenium polyodon</i>	petako
<i>Blechnum chambersii</i>	rereti
<i>Blechnum colensoi</i>	peretao
<i>Blechnum discolor</i>	crown fern
<i>Blechnum filiforme</i>	panako
<i>Blechnum fluviatile</i>	kiwikiwi
<i>Blechnum membranaceum</i>	
<i>Blechnum nigrum</i>	black hard fern
<i>Blechnum novae-zelandiae</i>	kiokio
<i>Blechnum vulcanicum</i>	korokio
<i>Cardiomanes reniforme</i>	kidney fern
<i>Ctenopteris heterophylla</i>	
<i>Cyathea cunninghamii</i>	gully tree fern
<i>Cyathea dealbata</i>	silver fern
<i>Cyathea medullaris</i>	mamaku
<i>Cyathea smithii</i>	soft tree fern
<i>Deparia petersenii</i> subsp. <i>congrua</i>	
<i>Dicksonia fibrosa</i>	wheki-ponga
<i>Dicksonia squarrosa</i>	wheki
<i>Diplazium australe</i>	
<i>Grammitis pseudociliata</i>	
<i>Histiopteris incisa</i>	matata, water fern
<i>Huperzia varia</i>	hanging clubmoss
<i>Hymenophyllum atrovirens</i>	filmy fern
<i>Hymenophyllum demissum</i>	irirangi
<i>Hymenophyllum dilatatum</i>	broad filmy fern
<i>Hymenophyllum flabellatum</i>	fan-shaped filmy fern
<i>Hymenophyllum frankliniae</i>	rusty filmy fern
<i>Hymenophyllum rarum</i>	thin filmy fern
<i>Hymenophyllum revolutum</i>	filmy fern

<i>Hymenophyllum sanguinolentum</i>	piripiri
<i>Hymenophyllum scabrum</i>	rough filmy fern
<i>Hypolepis ambigua</i>	
<i>Lastreopsis hispida</i>	
<i>Lastreopsis microsora</i> subsp. <i>pentangularis</i>	
<i>Leptolepia novae-zelandiae</i>	hare's foot fern
<i>Leptopteris hymenophylloides</i>	heruheru
<i>Lindsaea trichomanoides</i>	common lindsaea
<i>Lindsaea viridis</i>	tufted lindsaea
<i>Loxogramme dictyopteris</i>	lance fern
<i>Lycopodium deuterodensum</i>	puakarimu
<i>Lycopodium volubile</i>	waewaekoukou
<i>Lygodium articulatum</i>	mangemange
<i>Microsorium pustulatum</i>	hounds tongue fern
<i>Microsorium scandens</i>	mokimoki
<i>Paesia scaberula</i>	matata
<i>Pellaea rotundifolia</i>	button fern
<i>Pneumatopteris pennigera</i>	pakau
<i>Polystichum silvaticum</i>	
<i>Polystichum vestitum</i>	prickly shield fern
<i>Polystichum wawranum</i>	common shield fern
<i>Pteridium esculentum</i>	bracken
<i>Pyrrosia eleagnifolia</i>	leather-leaf fern
<i>Rumohra adiantiformis</i>	leather-leaf shield fern
<i>Sticherus cunninghamii</i>	waekura
<i>Tmesipteris elongata</i>	fork fern
<i>Tmesipteris tannensis</i>	fork fern
<i>Trichomanes elongatum</i>	
<i>Trichomanes venosum</i>	

GYMNOSPERMS

* <i>Chamaecyparis lawsoniana</i>	Lawson's cypress
<i>Dacrycarpus dacrydioides</i>	kahikatea
<i>Dacrydium cupressinum</i>	rimu
<i>Phyllocladus trichomanoides</i>	tanekaha
<i>Podocarpus hallii</i>	Hall's totara
<i>Prumnopitys ferruginea</i>	miro

DICOTS

<i>Acaena anserinifolia</i>	piripiri
<i>Acaena novae-zelandiae</i>	piripiri
* <i>Achillea millefolium</i>	yarrow
<i>Alseuosmia macrophylla</i>	karapapa
* <i>Anagallis arvensis</i> subsp. <i>arvensis</i> var. <i>arvensis</i>	scarlet pimpernel

<i>Anaphalioides trinervis</i>	puatea
<i>Aristolelia serrata</i>	makomako, wineberry
<i>Beilschmiedia tawa</i>	tawa
* <i>Berberis glaucocarpa</i>	barberry
<i>Brachyglottis repanda</i>	rangiora
* <i>Buddleja davidii</i>	buddleia
* <i>Callitriche stagnalis</i>	starwort
* <i>Cannabis sativa</i>	hemp, cannabis
<i>Cardamine debilis</i> agg.	panapana
<i>Carpodetus serratus</i>	putaputaweta
* <i>Cerastium fontanum</i> subsp. <i>vulgare</i>	mouse-ear chickweed
* <i>Cirsium vulgare</i>	Scotch thistle
<i>Clematis paniculata</i>	puawananga
* <i>Conyza sumatrensis</i>	fleabane
<i>Coprosma grandifolia</i>	kanono
<i>Coprosma lucida</i>	karamu
<i>Coprosma robusta</i>	karamu
<i>Coprosma tayloriae</i>	
<i>Coriaria arborea</i> var. <i>arborea</i>	tutu
* <i>Cotoneaster glaucophyllus</i>	cotoneaster
* <i>Cytisus scoparius</i>	broom
* <i>Dendrobenthamia capitata</i>	strawberry dogwood
* <i>Digitalis purpurea</i>	foxglove
<i>Drosera auriculata</i>	sundew
<i>Elaeocarpus dentatus</i>	hinau
<i>Epilobium nerteroides</i>	
<i>Epilobium rotundifolium</i>	
* <i>Erica lusitanica</i>	Spanish heath
<i>Fuchsia excorticata</i>	kotukutuku
* <i>Galium aparine</i>	cleavers, bedstraw
* <i>Galium palustre</i>	marsh bedstraw
<i>Gaultheria antipoda</i>	snowberry
<i>Geniostoma ligustrifolium</i> var. <i>ligustrifolium</i>	hangehange
* <i>Geranium molle</i>	dove's foot cranesbill
* <i>Geranium robertianum</i>	herb Robert
<i>Griselinia lucida</i>	puka
<i>Haloragis erecta</i> subsp. <i>erecta</i>	toatoa
<i>Hebe stricta</i> var. <i>stricta</i>	koromiko
* <i>Hedera helix</i>	ivy
<i>Hedycarya arborea</i>	porokaiwhiri
<i>Hydrocotyle microphylla</i>	hydrocotyle
* <i>Hypericum perforatum</i>	
* <i>Hypochoeris radicata</i>	catsear
<i>Ixerba brexioides</i>	tawari

* <i>Jacobaea vulgaris</i>	ragwort
<i>Knightia excelsa</i>	rewarewa
<i>Laurelia novae-zelandiae</i>	pukatea
* <i>Leontodon taraxacoides</i>	hawkbit
<i>Leptospermum scoparium</i> agg.	manuka
* <i>Leucanthemum vulgare</i>	oxeye daisy
<i>Leucopogon fasciculatus</i>	mingimingi
* <i>Leycesteria formosa</i>	Himalayan honeysuckle
<i>Litsea calicaris</i>	mangeao
<i>Lobelia angulata</i>	panakenake
* <i>Lonicera japonica</i>	Japanese honeysuckle
<i>Lophomyrtus bullata</i>	ramarama
* <i>Lotus pedunculatus</i>	lotus
<i>Melicytus lanceolatus</i>	mahoe-wao
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	mahoe
<i>Metrosideros diffusa</i>	rata
<i>Metrosideros fulgens</i>	rata
<i>Metrosideros perforata</i>	aka
<i>Muehlenbeckia australis</i>	puka
* <i>Myosotis arvensis</i>	forget-me-not
<i>Myrsine australis</i>	mapou
<i>Myrsine salicina</i>	toro
<i>Nertera depressa</i>	
<i>Nestegis lanceolata</i>	white maire
<i>Parsonsia capsularis</i>	akakiore
* <i>Phytolacca octandra</i>	inkweed
<i>Pittosporum colensoi</i>	rautawhiri
* <i>Plantago lanceolata</i>	narrow-leaved plantain
* <i>Plantago major</i>	broad-leaved plantain
* <i>Prunella vulgaris</i>	selfheal
* <i>Prunus serrulata</i>	Japanese hill cherry
<i>Pseudopanax arboreus</i>	five finger
<i>Pseudopanax crassifolius</i>	lancewood, horoeka
<i>Pseudowintera axillaris</i>	horopito
<i>Pseudowintera colorata</i>	horopito
<i>Quintinia serrata</i>	tawheowheo
* <i>Ranunculus flammula</i>	spearwort
* <i>Ranunculus repens</i>	creeping buttercup
<i>Raukawa anomalus</i>	
<i>Raukawa edgerleyi</i>	rauikawa
<i>Rubus cissoides</i> agg.	tataramoa
* <i>Rubus fruticosus</i> agg.	blackberry
* <i>Rumex acetosella</i>	sheep's sorrel
* <i>Rumex obtusifolius</i>	dock

<i>Schefflera digitata</i>	pate
* <i>Senecio bipinnatisectus</i>	Australian fireweed
* <i>Sonchus oleraceus</i>	puha
* <i>Spergularia arvensis</i>	
* <i>Stachys sylvatica</i>	hedge woundwort
* <i>Taraxacum officinale</i>	dandelion
* <i>Trifolium pratense</i>	red clover
* <i>Trifolium repens</i>	white clover
* <i>Ulex europaeus</i>	gorse
<i>Urtica incisa</i>	
<i>Viola filicaule</i>	
<i>Weinmannia racemosa</i>	kamahi

MONOCOTS

<i>Acianthus sinclairii</i>	
* <i>Agrostis capillaris</i>	browntop
* <i>Anthoxanthum odoratum</i>	sweet vernal
<i>Astelia fragrans</i>	kakaha
<i>Astelia solandri</i>	kowharawhara
* <i>Bromus willdenowii</i>	
<i>Carex dissita</i>	
<i>Carex solandri</i>	
<i>Carex virgata</i>	purei
<i>Collospermum bastatum</i>	kahakaha
<i>Collospermum microspermum</i>	
<i>Cordyline australis</i>	ti kouka
<i>Cortaderia fulvida</i>	toetoe
* <i>Crocasmia ×crocosmiiflora</i>	montbretia
* <i>Dactylis glomerata</i>	cocksfoot
<i>Dianella nigra</i>	turutu
<i>Drymoanthus adversus</i>	green fleshy orchid
<i>Earina autumnalis</i>	raupeka
<i>Earina mucronata</i>	peka-a-waka
<i>Freycinetia banksii</i>	kiekie
<i>Gabnia pauciflora</i>	takahikahi
* <i>Holcus lanatus</i>	Yorkshire fog
<i>Isolepis reticularis</i>	
* <i>Juncus effusus</i> var. <i>effusus</i>	soft rush
* <i>Juncus tenuis</i> var. <i>tenuis</i>	track rush
<i>Libertia grandiflora</i>	mikoikoi
<i>Microlaena avenacea</i>	bush rice grass
<i>Microlaena stipoides</i> var. <i>stipoides</i>	patiti
<i>Microtis unifolia</i> agg.	maikaika
* <i>Miscanthus nepalensis</i>	Himalaya fairy grass

<i>Morelotia affinis</i>	
* <i>Paspalum dilatatum</i>	paspalum
<i>Phormium tenax</i>	harakeke, flax
* <i>Poa annua</i>	annual poa
<i>Ripogonum scandens</i>	kareao, supplejack
* <i>Schedonorus arundinaceus</i>	tall fescue
<i>Thelymitra longifolia</i>	maikuku
<i>Uncinia banksii</i>	matau
<i>Uncinia ferruginea</i>	matau
<i>Uncinia uncinata</i>	kamu, matau a Maui
<i>Uncinia zotovii</i>	matau
<i>Winika cunninghamii</i>	winika

UPDATED NEWSLETTER INDEX

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