

EAST CAPE TRIP, 2012 – DAY 1 – CAPE RUNAWAY AREA

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A small party of six spent Saturday visiting two coastal native forest blocks in the vicinity of Cape Runaway. The first area visited was Kemps Bush near the end of Ngarue Road, a large fenced remnant on the main hillside north of the Whangaparaoa River flats. The block was dominated by pohutukawa (*Metrosideros excelsa*), tawa (*Beilschmiedia tawa*), puriri (*Vitex lucens*) and kohekohe (*Dysoxylum spectabile*) in the canopy with secondary kanuka forest on surrounding ridge margins. Abundant regeneration including plenty of ferns was present, with stock fenced out. We made our way up a variety of vegetation before emerging on a farm track to admire the views along the coast to the south-west. The bush was relatively weed free but along the track and disturbed areas between the bush and fence some exotic weeds such as inkweed (*Phytolacca octandra*) were evident. At the top of the block we had another quick break before heading a short distance down the eastern side then jumped the fence noticing a large-leaved coprosma, the identity of which provoked quite a lengthy discussion. Some were in favour of karamu (*Coprosma robusta*) while others preferred *C. macrocarpa*. A specimen was collected for further examination. This specimen eventually made its way to the Auckland Museum Herbarium and was identified as a hybrid between the two aforementioned species. Continuing on we descended back down through the bush noting some specimens of nikau (*Rhopalostylis sapida*), kahikatea (*Dacrycarpus dacrydioides*) and pukatea (*Laurelia novae-zelandiae*) before emerging back out onto the farmland.

After lunch in the shade of the fruit trees in the Kemp's orchard we headed westwards to another block about a half kilometre north of the mouth of the Whangaparaoa River. This block had extensive pohutukawa-coastal broadleaf forest on steep hill sides. We parked up on a saddle then headed northwards through high scrub in which cattle had free range but looked as though it would revert to healthy forest if cattle were kept out.

The easy going got a bit tougher as we got a bit higher up the hill so we headed down into a gully admiring the nikau, karaka (*Corynocarpus laevigatus*) a large specimen of white maire (*Nestegis lanceolata*), a *Pseudopanax crassifolius* × *P. lessonii* hybrid, some perching orchid (*Drymoanthus adversus*), hanging clubmoss (*Huperzia varia*) and on the ground some small greenhood orchids (*Pterostylis trullifolia*). Getting out of this gully up to the next ridge was quite a difficult struggle but with the vegetation providing a few hand holds we made it. Along the bush edge was wharangi (*Melicope ternata*), Indian strawberry (*Potentilla indica*) korokio (*Corokia cotoneaster*) and native bindweed (*Calystegia tuguriorum*).

Out on the farmland were isolated pohutukawa (*Metrosideros excelsa*). As we made our way down to the beaches it was obvious that the westerly wind had a profound effect, sculpturing the shrubby vegetation, including tauhinu (*Ozothamnus leptophyllus*) and korokio (*Corokia cotoneaster*), to round off the contours of the hillocks and rock outcrops.

Down on the flat in seeps leading to a beach wetland were water cress (*Nasturtium officinalis*), water celery (*Apium nodiflorum*), water purslane (*Ludwigia palustris*) and penny royal (*Mentha pulegium*), while along the stony shore, orache (*Atriplex prostrata*), and spurrey (*Spergula arvensis*) were present. On the rocky shore we found *Peperomia urvilleana*, buck's horn plantain (*Plantago coronopus*) shining spleenwort (*Asplenium lucidum*), taupata (*Coprosma repens*), sea primrose (*Samolus repens*), shore lobelia (*Lobelia anceps*) and native ice-plant (*Disphyma australe*).

On the high-tide mark boulders Tim showed us dark patches which were remnants of the dried oil-slick from the container vessel Rena wrecked near Motiti Island.

At 5:30 pm we set off up the track to the vehicles and back to base where Tim assured us we would be welcomed with smells of a casserole ready for the vegetables to be added. Unfortunately the crock-pot had not been turned on, but nibbles and drinks sustained us until the delicious meal was ready.

**TWO VASCULAR PLANT SPECIES LISTS FOR THE
CAPE RUNAWAY AREA**

John F.F. Hobbs

* = naturalised species

Ferns and Fern Allies

		Jim Kemp's Kopongatahi	
		Block	Bay
<i>Adiantum cunninghamii</i>	huruhuru tapairu	x	x
<i>Adiantum viridescens</i>	huruhuru tapairu	x	
<i>Arthropteris tenella</i>	jointed fern	x	x
<i>Asplenium bulbiferum</i>	hen and chickens fern	x	x
<i>Asplenium flaccidum</i>	petako-paraharaha	x	x
<i>Asplenium obtusatum</i> subsp. <i>northlandicum</i>			x
<i>Asplenium oblongifolium</i>	huruhuruwhenua	x	x
<i>Asplenium polyodon</i>	petako	x	
<i>Blechnum chambersii</i>	rereti	x	x
<i>Blechnum filiforme</i>	panako	x	x
<i>Blechnum membranaceum</i>		x	x
<i>Blechnum novae-zelandiae</i>	kiokio	x	
<i>Cyathea dealbata</i>	silver fern	x	x
<i>Cyathea medullaris</i>	mamaku	x	x
<i>Dicksonia fibrosa</i>	wheki-ponga	x	x
<i>Dicksonia squarrosa</i>	wheki	x	x
<i>Doodia australis</i>	pukupuku	x	x
<i>Histiopteris incisa</i>	matata, water fern	x	
<i>Huperzia varia</i>	hanging spleenwort		x
<i>Hymenophyllum demissum</i>	irirangi	x	x
<i>Hymenophyllum dilatatum</i>	matau mauku		x
<i>Hymenophyllum sanguinolentum</i>	piripiri		x
<i>Lastreopsis hispida</i>	hairy pig fern	x	
<i>Lastreopsis microsora</i>		x	
<i>Leptopteris hymenophylloides</i>	heruheru		x
<i>Microsorium pustulatum</i>	hounds tongue fern		x
<i>Microsorium scandens</i>	mokimoki	x	x
<i>Paesia scaberula</i>	matata		x
<i>Pneumatopteris pennigera</i>	pakau	x	x
<i>Polystichum wawranum</i>	common shield fern	x	x
<i>Pteridium esculentum</i>	bracken	x	
<i>Pteris macilenta</i>	sweet fern		x
<i>Pyrrhosia eleagnifolia</i>	leather-leaf fern	x	x
Gymnosperms			
<i>Dacrycarpus dacrydioides</i>	kahikatea	x	
<i>Prumnopitys ferruginea</i>	miro		x

Dicotyledons

<i>Acaena anserinifolia</i>	piripiri	x	x
<i>Alectryon excelsus</i> subsp. <i>excelsus</i>	titoki	x	
* <i>Anagallis arvensis</i> subsp. <i>arvensis</i>			
var. <i>arvensis</i>	scarlet pimpernel	x	x
* <i>Apium nodiflorum</i>	water celery		x
* <i>Aster subulatus</i>	sea aster		x
* <i>Atriplex prostrata</i>	orache		x
<i>Beilschmiedia tawa</i>	tawa	x	x
* <i>Bellis perennis</i>	daisy		x
<i>Brachyglottis repanda</i>	rangiora	x	x
* <i>Cakile maritima</i>	sea rocket		x
* <i>Callitriche stagnalis</i>	starwort		x
<i>Calystegia sepium</i> subsp. <i>roseata</i> ×			
<i>C. soldanella</i>			x
<i>Calystegia soldanella</i>	panahi		x
<i>Calystegia tuguriorum</i>	native bindweed		x
<i>Carmichaelia australis</i>	makaka, maukoro		x
<i>Carpodetus serratus</i>	putaputaweta	x	x
<i>Centella uniflora</i>	centella		x
* <i>Cirsium arvense</i>	California thistle	x	x
* <i>Cirsium vulgare</i>	Scotch thistle	x	x
<i>Clematis cunninghamii</i>		x	x
* <i>Conyza sumatrensis</i>	fleabane	x	x
<i>Coprosma areolata</i>		x	x
<i>Coprosma repens</i>	taupata		x
<i>Coprosma rhamnoides</i>		x	x
<i>Coprosma robusta</i>	karamu	x	
<i>Coprosma spathulata</i>		x	x
<i>Coprosma rhamnoides</i>	hukihuki		x
<i>Coriaria arborea</i>	tutu	x	
<i>Corokia cotoneaster</i>	korokio		x
<i>Corynocarpus laevigatus</i>	karaka	x	x
* <i>Daucus carota</i>	wild carrot	x	x
<i>Disphyma australe</i> subsp. <i>australe</i>	horokaka		x
<i>Dysoxylum spectabile</i>	kohekohe	x	x
<i>Epilobium rotundifolium</i>		x	x
<i>Fuchsia excorticata</i>	kotukutuku	x	
* <i>Galium aparine</i>	cleavers, bedstraw	x	
<i>Geniostoma ligustrifolium</i>	hangehange	x	x
* <i>Geranium dissectum</i>	cut-leaved geranium		x
* <i>Geranium molle</i>	dove's foot cranesbill	x	x
<i>Griselinia littoralis</i>	broadleaf		x
<i>Hedycarya arborea</i>	porokaiwhiri	x	x

<i>Hoberia sexstylosa</i>	houhere, lacebark	x	
* <i>Hypochaeris radicata</i>	catsear	x	x
* <i>Jacobaea vulgaris</i>	ragwort	x	x
<i>Knightia excelsa</i>	rewarewa	x	x
<i>Kunzea</i> aff. <i>ericoides</i>	kanuka	x	x
<i>Laurelia novae-zelandiae</i>	pukatea	x	
* <i>Leontodon taraxacoides</i>	hawkbit		x
<i>Leptocophylla juniperina</i> var. <i>juniperina</i>	prickly mingimingi		x
<i>Leptospermum scoparium</i>	manuka	x	
<i>Leucopogon fasciculatus</i>	soft mingimingi	x	
* <i>Linum bienne</i>	pale flax		x
<i>Lobelia anceps</i>	punakuru		x
<i>Lobelia angulata</i>	panakenake		x
<i>Lophomyrtus bullata</i>	ramarama		x
* <i>Lotus pedunculatus</i>	lotus	x	x
* <i>Ludwigia palustris</i>	water purslane		x
<i>Macropiper excelsum</i> subsp. <i>excelsum</i>	kawakawa	x	x
* <i>Medicago lupulina</i>	black medic		x
<i>Melicope ternata</i>	wharangi		x
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	mahoe	x	x
* <i>Mentha pulegium</i>	penny royal	x	x
<i>Metrosideros diffusa</i>	rata	x	
<i>Metrosideros excelsa</i>	pohutukawa		x
<i>Metrosideros perforata</i>	aka	x	x
* <i>Modiola caroliniana</i>	creeping mallow		x
<i>Muehlenbeckia australis</i>	puka	x	
<i>Muehlenbeckia complexa</i>	pohuehue	x	x
<i>Myoporum laetum</i>	ngaio		x
<i>Myrsine australis</i>	mapou	x	x
* <i>Nasturtium officinale</i>	watercress	x	x
<i>Nestegis lanceolata</i>	white maire	x	x
<i>Olearia rani</i> var. <i>colorata</i>	heketara	x	x
* <i>Oxalis articulata</i>	sourgrass	x	
* <i>Oxalis corniculata</i>	horned oxalis		x
<i>Ozothamnus leptophyllus</i>	tauhinu		x
* <i>Paronychia brasiliana</i>	Brazilian whitlow	x	
<i>Parsonsia capsularis</i>	akakiore	x	
<i>Parsonsia heterophylla</i>	akakaikiore	x	
<i>Pennantia corymbosa</i>	kaikomako	x	
<i>Peperomia urvilleana</i>	pepperomia		x
* <i>Phytolacca octandra</i>	inkweed	x	
<i>Pittosporum tenuifolium</i>	kohuhu		x
* <i>Plantago coronopus</i>	buck's horn plantain		x
* <i>Plantago lanceolata</i>	narrow-leaved plantain	x	x

* <i>Plantago major</i>	broad-leaved plantain	x	
* <i>Potentilla indica</i>	Indian strawberry		x
* <i>Prunella vulgaris</i>	selfheal	x	
<i>Pseudopanax crassifolius</i>	lancewood	x	x
<i>Pseudopanax crassifolius</i> × <i>P. lessonii</i>			x
* <i>Ranunculus reflexus</i>	maruru		x
* <i>Ranunculus repens</i>	creeping buttercup	x	x
<i>Rubus cissoides</i> agg.	tataramoa	x	
* <i>Rubus fruticosus</i> agg.	blackberry		x
* <i>Rumex conglomeratus</i>	clustered dock	x	x
* <i>Rumex obtusifolius</i>	dock		x
* <i>Rumex pulcher</i>	fiddle dock		x
<i>Samolus repens</i>	makaokao		x
<i>Selliera radicans</i>	remuremu		x
* <i>Senecio bipinnatisectus</i>	Australian fireweed		x
<i>Senecio lautus</i> var. <i>lautus</i>	shore groundsel		x
* <i>Solanum linnaeanum</i>	apple of Sodom		x
* <i>Solanum nigrum</i>	black nightshade	x	
<i>Solanum nodiflorum</i>	raupeti	x	x
* <i>Spergula arvensis</i>	spurrey		x
<i>Streblus heterophyllus</i>	turepo	x	
* <i>Taraxacum officinale</i>	dandelion	x	x
* <i>Trifolium repens</i>	white clover		x
* <i>Verbascum thapsus</i>	woolly mullein		x
* <i>Veronica anagallis-aquatica</i>	water speedwell	x	x
* <i>Veronica serpyllifolia</i>	turf speedwell		x
* <i>Vinca major</i>	periwinkle		x
<i>Vitex lucens</i>	puriri	x	x

Monocotyledons

* <i>Agrostis capillaris</i>	browntop	x	
<i>Astelia solandri</i>	kowharawhara	x	
* <i>Carex divulsa</i>	grey sedge	x	
* <i>Carex longibrachiata</i>	Australian sedge		x
<i>Collospermum hastatum</i>	kahakaha	x	x
<i>Cordyline australis</i>	ti kouka	x	x
<i>Cyperus ustulatus</i>	toetoe upokotangata	x	x
* <i>Dactylis glomerata</i>	cocksfoot	x	
<i>Drymoanthus adversus</i>	green fleshy orchid		x
<i>Earina mucronata</i>	peka-a-waka	x	x
<i>Ficinia nodosa</i>	wiwi	x	x
<i>Gabnia lacera</i>	tarangarara		x
* <i>Glyceria declinata</i>	blue sweetgrass	x	
* <i>Holcus lanatus</i>	Yorkshire fog	x	x

<i>Isolepis reticularis</i>			X
* <i>Juncus articulatus</i>	jointed rush		X
<i>Juncus edgariae</i>	wi	X	X
* <i>Juncus effusus</i> var. <i>effusus</i>	soft rush	X	
<i>Juncus planifolius</i>			X
<i>Libertia ixiooides</i>	mikoikoi		X
<i>Microlaena avenacea</i>	bush rice grass		X
<i>Microlaena stipoides</i>	patiti	X	
<i>Oplismenus hirtellus</i> subsp. <i>imbecillis</i>		X	X
* <i>Pennisetum clandestinum</i>	kikuyu grass		X
<i>Phormium cookianum</i> subsp. <i>hookeri</i>	wharariki, mountain flax		X
<i>Phormium tenax</i>	harakeke, flax		X
* <i>Poa annua</i>	annual poa		X
<i>Pterostylis banksii</i>	common greenhood		X
<i>Pterostylis trullifolia</i>			X
<i>Rhopalostylis sapida</i>	nikau	X	X
<i>Ripogonum scandens</i>	kareao, supplejack	X	X
* <i>Sporobolus africanus</i>	ratstail		X
<i>Uncinia uncinata</i>	common bastard grass	X	



Looking south-eastwards down the Whangaparaoa River mouth from farm track.