

*Juncus edgariae*  
*Juncus kraussii*  
*Juncus maritimus*  
*Juncus sarophorus*  
*Lepidosperma australe*  
*Lepidosperma laterale*  
*Morelotia affinis*  
*Schoenus tendo*  
*Typha orientalis*

#### Grasses

*Deyeuxia quadriseta*  
*Isachne globosa*

*Microlaena stipoides*  
*Pennisetum clandestinum\**

#### Orchids

*Acianthus sinclairii*  
*Diplodium trullifolium*  
*Earina autumnalis*  
*Earina mucronata*  
*Ichthyostomum pygmaeum*  
*Orthoceras novae-zeelandiae*  
*Thelymitra carnea*  
*Winika cunninghamii*

## Atuanui – Mt Auckland, 16 June 2007

Lisa Clapperton

Those attending were: Enid & Paul Asquith, Harry Beacham, Ross Beever (leader), Colleen and Warren Brewer, Jan Butcher, Lisa Clapperton, Helen Cogle, Brian Cumber, Bev & Geoff Davidson, Neil Davies, Jarrod Erceg, Cara, Margot & Rhys Gardner, Ruth Griffin, Leslie Haines, Fran Hintz, Richard Hursthouse, Sandra Jones, Hanna, Sam, Sue, & Sun Ko, Elaine Marshall, Barrie & Gretta McLeay, Josh Salter, Clive Shirley, John, Linda, & Thérèse Oliver, Sharon Osman, Mathew Swinburne, Ron & Toni Sylvester (Oneriri), Alison Wesley, Mike Wilcox, Tony Williams, Maureen Young.

It was a beautiful clear crisp day, with the hint of fresh snow in the middle of the North Island and a very good turn out of Bot Soccers. The valley to the north of Kaipara Hills Rd has almost a monoculture of cabbage trees (*Cordyline australis*) of roughly 3-4 m in height (calculated looking down the gully while driving past), and was commented on by a number of the trip participants. Ross Beever gave us an introduction to the recent history of the area with reference to his family connections to an adjacent farm.

The canopy was dominated by taraire (*Beilschmiedia tarairi*) with a number of large puriri (*Vitex lucens*). Medium-sized rimu (*Dacrydium cupressinum*) occurred along the ridges with some excellent large kauri (*Agathis australis*) on the slopes. A particularly noteworthy kauri was growing on the way down to the gully where a healthy population of king fern (*Marattia salicina*) has established with abundant parataniwha (*Elatostema rugosum*). The small plants of king fern about 30 cm showed signs of having been browsed. *Libertia ixioides* was common along the ridge line as was the autumn flowering rata vine (*Metrosideros fulgens*) which was abundant, growing at ground level through into the canopy, still with some flower remaining. Several *Drymoanthus adversus* were seen growing on a rimu immediately adjacent to the track. *Diplodium alobulum* was also in flower.

A good view of the Kaipara Harbour and the Hoteo River was had from the look out. The well preserved kumara pit nearby was also viewed before heading back the way we had come.

### Checklist of Vascular Indigenous Plants of Atuanui (Mt Auckland) Scenic Reserve

Map Ref: NZMS 260 Q09/410270

Compiled by Maureen Young (23 May 1992, 15 – 17 January 2002) and Auckland Botanical Society 16 June 2007

#### Ferns & Fern Allies

*Adiantum cunninghamii*  
*Adiantum fulvum*  
*Anarthropteris lanceolata*  
*Arthropteris tenella*  
*Asplenium bulbiferum*  
*Asplenium flaccidum*  
*Asplenium gracillimum*  
*Asplenium lamprophyllum*  
*Asplenium oblongifolium*  
*Asplenium polyodon*  
*Blechnum chambersii*

*Blechnum discolor*  
*Blechnum filiforme*  
*Blechnum fraseri*  
*Blechnum membranaceum*  
*Blechnum novae-zeelandiae*  
*Cardiomanes reniforme*  
*Cyathea cunninghamii*  
*Cyathea dealbata*  
*Cyathea medullaris*  
*Dicksonia squarrosa*  
*Huperzia varia*  
*Hymenophyllum demissum*

*Hymenophyllum dilatatum*  
*Hymenophyllum flabellatum*  
*Hymenophyllum revolutum*  
*Hymenophyllum sanguinolentum*  
*Lastreopsis hispida*  
*Lastreopsis microsora*  
*Leptopteris hymenophylloides*  
*Lindsaea trichomanoides*  
*Lycopodiella cernua*  
*Lycopodium volubile*  
*Lygodium articulatum*  
*Marattia salicina*  
*Microsorium pustulatum*  
*Microsorium scandens*  
*Ophioglossum petiolatum*, first found in 1989 but no longer present  
*Paesia scaberula*  
*Pneumatopteris pennigera*  
*Polystichum richardii* agg.  
*Pteridium esculentum*  
*Pteris macilentia*  
*Pyrrhosia eleagnifolia*  
*Sticherus cunninghamii*  
*Tmesipteris elongate*  
*Tmesipteris lanceolate*  
*Tmesipteris sigmatifolia*  
*Tmesipteris tannensis*  
*Trichomanes elongatum*

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#### Gymnosperms

*Agathis australis*  
*Dacrycarpus dacrydioides*  
*Dacrydium cupressinum*  
*Libocedrus plumose*  
*Phyllocladus trichomanoides*  
*Podocarpus hallii*  
*Podocarpus totara*  
*Prumnopitys ferruginea*  
*Prumnopitys taxifolia*

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#### Dicotyledons

*Acaena novae-zelandiae*  
*Alectryon excelsus*  
*Alseuosmia macrophylla*  
*Beilschmiedia tarairi*  
*Beilschmiedia tawa*  
*Brachyglottis repanda*  
*Callitriche muelleri*  
*Carmichaelia australis*  
*Carpodetus serratus*  
*Centella uniflora*  
*Clematis cunninghamii*  
*Clematis paniculata*  
*Coprosma arborea*  
*Coprosma areolata*  
*Coprosma grandifolia*  
*Coprosma lucida*  
*Coprosma macrocarpa*  
*Coprosma rhamnoides*  
*Coprosma robusta*  
*Coprosma spathulata*

*Corynocarpus laevigatus*  
*Dracophyllum latifolium*  
*Dysoxylum spectabile*  
*Elaeocarpus dentatus*  
*Elatostema rugosum*  
*Euchiton collinus*  
*Geniostoma ligustrifolium*  
*Griselinia lucida*  
*Haloragis erecta*  
*Hebe macrocarpa*  
*Hebe stricta*  
*Hedycarya arborea*  
*Hoheria populnea*  
*Knightia excelsa*  
*Kunzea ericoides*  
*Laurelia novae-zelandiae*  
*Leptospermum scoparium*  
*Leucopogon fasciculatus*  
*Litsea calicaris*  
*Lophomyrtus bullata*  
*Macropiper excelsa*  
*Melicope simplex*  
*Melicope ternata*  
*Melicytus macrophyllus*  
*Melicytus ramiflorus*  
*Metrosideros diffusa*  
*Metrosideros fulgens*  
*Metrosideros perforata*  
*Metrosideros robusta*  
*Muehlenbeckia australis*  
*Mida salicifolia*  
*Myrsine australis*  
*Myrsine salicina*  
*Nertera dichondrifolia*  
*Nestegis lanceolata*  
*Nestegis montana*  
*Nothofagus truncata*  
*Olearia albida*  
*Olearia furfuracea*  
*Olearia rani*  
*Parsonsia heterophylla*  
*Passiflora tetrandra*  
*Pennantia corymbosa*  
*Pittosporum cornifolium*  
*Pittosporum tenuifolium*  
*Pseudopanax arboreus*  
*Pseudopanax crassifolius*  
*Ranunculus reflexus*  
*Rhabdothamnus solandri*  
*Rubus australis*  
*Rubus cissoides*  
*Schefflera digitata*  
*Sophora microphylla*  
*Stellaria parviflora*  
*Streblus heterophyllus*  
*Vitex lucens*  
*Weinmannia silvicola*

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#### Monocotyledons

*Acianthus sinclairii*  
*Astelia solandri*

*Astelia trinervia*  
*Bulbophyllum pygmaeum*  
*Carex dissita*  
*Carex lambertiana*  
*Carex solandri*  
*Collospermum hastatum*  
*Cordyline australis*  
*Cordyline banksii*  
*Cordyline pumilio*  
*Cortaderia splendens*  
*Corybas cheesemanii*  
*Danhatchia australis*  
*Dianella nigra*  
*Dichelachne crinita*  
*Diplodium alobulum*  
*Drymoanthus adversus*  
*Earina mucronata*  
*Freycinetia banksii*  
*Gahnia lacera*  
*Gahnia pauciflora*  
*Gahnia setifolia*

*Gahnia xanthocarpa*  
*Isolepis reticularis*  
*Libertia ixioides*  
*Microlaena avenacea*  
*Microlaena stipoides*  
*Nematoceras trilobum*  
*Oplismenus hirtellus*  
*Phormium tenax*  
*Poa anceps*  
*Pterostylis agathicola*  
*Pterostylis banksii*  
*Rhopalostylis sapida*  
*Ripogonum scandens*  
*Schoenus maschalinus*  
*Schoenus tendo*  
*Thelymitra aemula*  
*Uncinia banksii*  
*Uncinia distans*  
*Uncinia uncinata*  
*Uncinia zotovii*  
*Winika cunninghamii*

## Labour Weekend Camp: Whangarei Heads, 19–22 October 2007

Maureen Young

### Camp participants:

Jan Butcher, Lisa Clapperton, Brian Cumber, Bev & Geoff Davidson, Leslie Haines, Graeme Hambly, John Kendrick, Elaine Marshall, Helen Preston Jones, Juliet Richmond, John & Stella Rowe, Doug Sheppard, Shirley Tomlinson, Alison Wesley, Ian Wilson, Philip Wrigley, Maureen Young (camp mother). The camp was based at the Manaia Baptist Camp at McGregors Bay.

### Friday 19 October

For those lucky enough not to have to work, there was an afternoon walk up Mt Aubrey, guided by old friend, Lisa Forester (Northland Regional Council) and Wendy Holland (Department of Conservation). Wendy lives at the base of Mt Manaia, and had kindly offered to be our guide for the weekend, also supplying us with species lists and maps.

Mt Aubrey, at 216 m, is a low peak compared to the other volcanic outcrops of Wairakau andesites at Whangarei Heads, but it was a good training run to get our legs accustomed to what lay ahead of us over the weekend. It lies on the coastal side of the road, is administered by the Whangarei District Council, and has well-defined mown tracks.

*Coprosma macrocarpa*, looking quite distinctive with very wavy leaves and green fruit with long peduncles, was a common component of the vegetation along the track, and here we first met the *Hebe* that has variously been known as *Hebe* "Whangarei" or *Hebe*

"sp. m" (Eagle 1982, 1986). It has now been included in *H. ligustrifolia* (although in Eagle 2006 it has been differentiated by tagging it *H. ligustrifolia* (1)), but having dark stems and short, rather wide leaves, it would not immediately strike one as belonging to that species.

Wendy pointed out some white spots high up on a rock face; these were flowering plants of *Celmisia adamsii* var. *rugosula*, the daisy that is endemic to the Whangarei Heads. Although we later saw quite a few plants, unfortunately none of them had open flowers. While climbing one of the large rock peaks we saw *Ctenopteris heterophylla*, *Huperzia varia*, *Ichthyostomum pygmaeum*, *Winika cunninghamii*, *Cheilanthes sieberi*, *Crassula sieberiana*, *Wahlenbergia littoricola*, *Cotula australis*, *Peperomia urvilleana* and *Thelymitra pauciflora*.

Back beside the track was the northern form of *Pittosporum eugenioides*, also *P. umbellatum*, and scrambling over some shrubs of *Coprosma rhamnoides* were plants of the dainty *Calystegia marginata*, showing the arrow-shaped leaves. Although too early for flowers, the one bud present showed the narrow frilly wings on the peduncle from which the plant takes its name. Also seen here were many vines of *Clematis cunninghamii* showing the yellow-green flowers, both male and female. This plant was a feature of the weekend, commonly seen along all of the tracks. Also a common feature was the rock forest, often with large pohutukawa trees, and with the ferns