

WAIKURA RIVER FOREST REMNANTS

Mike Thorsen, DoC, Gisborne

(with additions from Rotorua Botanical Society Field Trip Easter 2004)

FERNS

<i>Adiantum cunninghamii</i>	common maidenhair fern
<i>Asplenium bulbiferum</i> subsp. <i>bulbiferum</i>	hen and chickens fern
<i>Asplenium bulbiferum</i> subsp. <i>gracillimum</i>	spleenwort
<i>Asplenium flabellifolium</i>	necklace fern
<i>Asplenium flaccidum</i> subsp. <i>flaccidum</i>	hanging spleenwort
<i>Asplenium hookerianum</i> var. <i>hookerianum</i>	Hooker's spleenwort
<i>Asplenium hookerianum</i> var. <i>colensoi</i>	
<i>Asplenium polyodon</i>	sickle-leaved
<i>Azolla filiculoides</i>	Pacific azolla
<i>Blechnum chambersii</i>	nini
<i>Blechnum discolor</i>	crown fern
<i>Blechnum fluviatile</i> agg.	kiwakiwa
<i>Blechnum minus</i>	swamp kiokio
<i>Cyathea dealbata</i>	silver fern
<i>Cyathea smithii</i>	soft fern
<i>Dicksonia fibrosa</i>	wheki-ponga
<i>Doodia australis</i> ssp. <i>media</i>	rasp fern
<i>Histiopteris incisa</i>	water fern, mata
<i>Hymenophyllum demissum</i>	irirangi
<i>Hypolepis ambigua</i>	pig fern
<i>Lastreopsis glabella</i>	
<i>Leptopteris hymenophylloides</i>	heruheru
<i>Microsorium pustulatum</i>	hounds-tongue
<i>Paesia scaberula</i>	lace fern
<i>Pellaea rotundifolia</i>	button fern
<i>Pneumatopteris pennigera</i>	gully fern
<i>Polystichum vestitum</i>	prickly shield
<i>Polystichum wawranum</i> ex. <i>P. richardii</i> in part, incl. <i>P. "deep purple"</i>	
<i>Pteris tremula</i>	shaking brake fern
<i>Pyrrosia eleagnifolia</i>	serpent's tongue

GYMNOSPERMS

<i>Dacrycarpus dacrydioides</i>	kahikatea
<i>Dacrydium cupressinum</i>	rimu
<i>Podocarpus totara</i>	totara
<i>Prumnopitys taxifolia</i>	matai
<i>Prumnopitys ferruginea</i> (<i>Stachypitys ferruginea</i>)	miro

DICOTYLEDONOUS TREES AND SHRUBS

<i>Alectryon excelsa</i> subsp. <i>excelsa</i>	titoki
<i>Aristolelia serrata</i>	wineberry
<i>Beilschmiedia tawa</i>	tawa
* <i>Berberis glaucocarpa</i>	barberry
<i>Brachyglottis repanda</i>	rangiora
<i>Carmichaelia australis</i>	native broom
<i>Carpodetus serrata</i>	putaputaweta
<i>Coprosma crassifolia</i>	
<i>Coprosma pedicellata</i>	
<i>Coprosma propinqua</i> subsp. <i>propinqua</i>	
<i>Coprosma propinqua</i> X <i>C. robusta</i>	
<i>Coprosma rhamnoides</i>	red-fruited coprosma
<i>Coprosma rigida</i>	
<i>Coprosma robusta</i>	karamu
<i>Coprosma rotundifolia</i>	round-leaf coprosma
<i>Coprosma rubra</i>	
<i>Coprosma virescens</i>	
<i>Corokia cotoneaster</i>	native cotoneaster
<i>Elaeocarpus bookerianus</i>	pokaka
<i>Fuchsia excorticata</i>	kotukutuku
<i>Hebe stricta</i> var. <i>stricta</i>	koromiko
* <i>Hedera helix</i> subsp. <i>helix</i>	ivy
<i>Hedycarya arborea</i>	pigeonwood
<i>Helichrysum aggregatum</i> var. <i>aggregatum</i>	niniaio
<i>Hoheria angustifolia</i>	narrow-leaved lacebark
<i>Hoheria populnea</i>	lacebark
* <i>Hypericum androsaemum</i>	tutsan
<i>Kunzea ericoides</i> S.I.	kanuka
<i>Laurelia novae-zelandiae</i>	pukatea
<i>Leptospermum scoparium</i>	manuka
<i>Leucopogon fascicularis</i> var. "southern"	mingimingi
* <i>Ligustrum sinense</i>	Chinese privet
<i>Lophomyrtus obcordata</i>	
<i>Macropiper excelsum</i> subsp. <i>excelsum</i>	kawakawa
<i>Melicope simplex</i>	poataniwha
<i>Melicytus micranthus</i>	small-leaved mahoe
<i>Melicytus ramiflorus</i>	mahoe
<i>Myrsine australis</i>	red matipo
<i>Myrsine divaricata</i>	weeping mapou
<i>Neomyrtus pedunculata</i>	rohutu
<i>Nestegis cunninghamii</i>	white maire
<i>Nestegis lanceolata</i>	narrow-leaved maire

<i>Olearia furfuracea</i> var. "southern N I"	
<i>Pennantia corymbosa</i>	kaikomako
<i>Pittosporum eugenioides</i>	tarata, lemonwood
<i>Pittosporum obcordatum</i>	heart-leaved kohuhu
<i>Pittosporum tenuifolium</i> subsp. <i>tenuifolium</i>	kohuhu
<i>Plagianthus regius</i> var. <i>regius</i>	ribbonwood
<i>Pseudopanax arboreus</i>	five-finger
<i>Pseudopanax crassifolius</i>	lancewood
<i>Pseudowintera colorata</i>	horopito, pepperwood
<i>Raukawa anomalus</i>	
* <i>Salix fragilis</i>	crack willow
<i>Schefflera digitata</i>	pate
<i>Sophora tetraptera</i>	kowhai
<i>Streblus microphylla</i>	small-leaved milk tree
<i>Teucrium parvifolium</i>	
<i>Urtica ferox</i>	bush nettle

DICOTYLEDONOUS LIANES

<i>Clematis foetida</i>	clematis
<i>Clematis paniculata</i>	clematis
<i>Clematis quadribracteolata</i>	clematis
* <i>Clematis vitalba</i>	old-man's beard
<i>Fuchsia perscandens</i>	
* <i>Lonicera japonica</i>	Japanese honeysuckle
<i>Metrosideros colensoi</i>	climbing rata
<i>Metrosideros diffusa</i>	climbing rata
<i>Muehlenbeckia australis</i>	large-leaved pohuehue
<i>Muehlenbeckia complexa</i> agg.	pohuehue
<i>Parsonsia capsularis</i>	native jasmine
<i>Parsonsia heterophylla</i>	native jasmine
<i>Passiflora tetrandra</i>	native passionfruit
<i>Rubus australis</i>	bush lawyer
<i>Rubus cissoides</i>	bush lawyer
* <i>Rubus fruticosus</i> agg.	blackberry

DICOTYLEDONOUS HERBS

<i>Acaena novaezelandiae</i>	bidibid
* <i>Achillea millefolium</i>	yarrow
* <i>Anagallis arvensis</i> subsp. <i>arvensis</i> var. <i>arvensis</i>	scarlet pimpernel
* <i>Apium nodiflorum</i>	water celery
<i>Australina pusillum</i>	
* <i>Bellis perennis</i>	everlasting daisy
* <i>Bidens frondosa</i>	beggar's ticks
<i>Callitriche muelleri</i>	

<i>Callitriche petriei</i>	
* <i>Callitriche stagnalis</i>	starwort
* <i>Calystegia sylvatica</i>	great bindweed
<i>Calystegia tuguriorum</i>	
<i>Cardamine debilis</i> agg.	
<i>Cardamine debilis</i> "long style"	
<i>Cardamine debilis</i> agg. robust form to 50cm tall, leaf surface sparsely hairy, hydathodes inconspicuous, leaves fleshy, cauline leaves similar to basal, basal persistent.	
* <i>Cerastium fontanum</i>	mouse-ear chickweed
* <i>Cichorium intybus</i>	chicory
* <i>Cirsium arvense</i>	Californian thistle
* <i>Cirsium vulgare</i>	Scotch thistle
* <i>Convolvulus arvensis</i>	field bindweed
* <i>Conyza alba</i>	fleabane
* <i>Conyza bonariensis</i>	wavy-leaved fleabane
* <i>Crepis capillaris</i>	hawksbeard
* <i>Daucus carota</i>	wild carrot
<i>Dichondra brevifolia</i> agg.	
<i>Dichondra repens</i> agg.	Mercury Bay weed
<i>Epilobium rotundifolium</i>	round-leaved willow-herb
<i>Euchiton delicatula</i>	creeping cudweed
<i>Euchiton limosum</i>	
* <i>Euphorbia peplus</i>	milkweed
* <i>Galium aparine</i>	cleavers
* <i>Galium palustre</i>	marsh bedstraw
<i>Galium propinquum</i>	marsh bedstraw
* <i>Gamochaeta spicata</i>	Jersey cudweed
* <i>Geranium dissectum</i>	cut-leaved cranesbill
<i>Geranium solanderi</i>	"coarse hairs"
* <i>Geranium robertianum</i>	herb Robert
<i>Geranium sessiliflorum</i>	cranesbill
<i>Haloragis erecta</i>	shrubby haloragis
<i>Hydrocotyle elongata</i>	hydrocotyle
<i>Hydrocotyle moschata</i>	hydrocotyle
* <i>Hypochoeris radicata</i>	catsear
<i>Korthalsella lindsayi</i>	dwarf mistletoe
* <i>Lapsana communis</i>	nipplewort
<i>Leptinella squalida</i> subsp. <i>squalida</i>	
* <i>Leucanthemum vulgare</i>	oxeye daisy
<i>Linum monogynum</i>	
* <i>Lotus pedunculatus</i>	lotus
* <i>Ludwigia palustris</i>	water parslane
<i>Mazus novaezeelandiae</i> subsp. <i>novaezeelandiae</i>	

* <i>Medicago lupulina</i>	black medick
* <i>Mentha pulegium</i>	pennyroyal
* <i>Mentha spicata</i>	spearmint
* <i>Mycelis muralis</i>	wall lettuce
* <i>Myosotis arvensis</i>	field forget-me-not
* <i>Myosotis laxa</i>	water forget-me-not
<i>Myosotis spathulata</i> var. <i>radicata</i>	
<i>Myriophyllum propinquum</i>	water milfoil
<i>Nertera depressa</i>	
<i>Nertera dichondrifolia</i>	
<i>Nertera villosa</i>	
<i>Oxalis exilis</i>	native oxalis
<i>Parietaria debilis</i>	
<i>Pelargonium inodorum</i> ?	
* <i>Phytolacca octandra</i>	inkweed
* <i>Plantago australis</i>	swamp plantain
* <i>Plantago lanceolata</i>	narrow-leaved plantain
<i>Plantago raoulii</i>	native plantain
* <i>Polygonum hydropiper</i>	water pepper
* <i>Polygonum persicaria</i>	willow weed
* <i>Prunella vulgaris</i>	selfheal
<i>Ranunculus macropus</i> Hook. f.	
* <i>Ranunculus parviflorus</i>	small-flowered buttercup
<i>Ranunculus reflexus</i>	hairy buttercup
* <i>Ranunculus repens</i>	creeping buttercup
* <i>Ranunculus sceleratus</i>	celery buttercup
* <i>Rorippa nasturtium-aquaticum</i>	watercress
* <i>Rumex conglomeratus</i>	clustered dock
<i>Rumex flexuosus</i>	native dock
* <i>Rumex obtusifolius</i>	broad-leaved
<i>Schizaelema trifoliolatum</i>	
* <i>Senecio bipinnatisectus</i>	Australian fireweed
* <i>Senecio jacobaea</i>	ragwort
<i>Senecio minimus</i>	fireweed
<i>Senecio rufiglandulosus</i>	
* <i>Sherardia arvensis</i>	field madder
* <i>Silybum marianum</i>	variegated thistle
* <i>Sisymbrium officinale</i>	hedge mustard
<i>Solanum americanum</i>	fireweed
* <i>Solanum nigrum</i>	black nightshade
* <i>Sonchus oleraceus</i>	sow thistle
* <i>Stachys sylvatica</i>	hedge woundwort
* <i>Stellaria media</i>	chickweed
<i>Stellaria parviflora</i> agg.	native chickweed

- **Taraxacum officinale*
- **Trifolium repens*
- Urtica incisa*
- **Verbascum thaspsus*
- **Veronica anagallis-aquatica*
- **Veronica persica*
- **Vicia sativa*

- dandelion
- white clover
- nettle
- woolly mullein
- water speedwell
- scrambling
- vetch

ORCHIDS

- Corybas trilobus* agg.
- Earina mucronata*
- Pterostylis banksii*
- Pterostylis cardiostigma*

- spider orchid
- peka-awaka
- common greenhood orchid
- greenhood orchid

GRASSES

- **Anthoxanthum odoratum*
- **Bromus* sp.
- **Dactylis glomerata*
- **Glyceria declinata*
- **Glyceria fluitans*
- **Holcus lanatus*
- Lachnagrostis filiformis*
- Microlaena avenacea*
- Microlaena polynoda*
- Microlaena stipoides*
- **Poa annua*
- Poa matthewsii*
- **Poa imbecilla*
- **Poa trivialis*
- **Schedonorus phoenix*

- sweet vernal
- cocksfoot
- glaucous sweetgrass
- floating sweetgrass
- Yorkshire fog
- tumble grass
- bush rice grass
- bamboo grass
- annual poa
- weak poa
- rough-stalked poa
- tall fescue

SEDGES

- Carex colensoi*
- Carex dissita*
- **Carex divulsa*
- Carex forsteri*
- Carex geminata* "large"
- Carex geminata* s.s.
- Carex maorica*
- Carex secta*
- Carex solandri*
- Carex testacea*
- Carex virgata*
- Eleocharis acuta*

- flat leaved sedge
- sedge
- rautahi
- rautahi
- cyperus sedge
- niggerhead
- Solander's sedge
- speckled sedge
- swamp sedge
- sharp spike-sedge

Eleocharis sphacelata
Isolepis nodosa
**Isolepis sepulcralis*

bamboo spike-sedge
knobby clubrush

RUSHES

Juncus acuminatus
**Juncus articulatus*
Juncus edgarae (ex. *J. gregiflorus*)
Juncus effusus
Luzula migrata
Schoenus maschalinus
Uncinia uncinata
Uncinia affinis ?

sharp-fruited
jointed rush
leafless rush
soft rush
woodrush
dwarf bog-rush
kamu
hook grass

OTHER MONOCOTYLEDONOUS PLANTS

Arthropodium candidum
Astelia solanderi
Collospermum hastatum
**Crocsmia X crocosmiifolia*
Cordyline australis
**Elodea canadensis*
Lemna minor
Libertia ixioides
Phormium tenax

tree-flax

montbretia
cabbage tree
Canadian
duckweed
mikoikoi
flax