

TONGATONGAREREWA MIRE FIELD TRIP

Susan Carrodus

In February, a group of bot-socers from both the Rotorua Botanical Society and Waikato Botanical Society ventured into one of the Tongatongarerewa mires, in the Ngaroma area of the Pureora Forest Park. The trip was a good opportunity to look for rare and interesting plants, such as some of the rare species which are known from the Waipa mires, e.g. *Myriophyllum robustum* and *Prasophyllum hectorii*. The site was accessed from the old Ngaroma road, in Ngaroma Block, with a walk of around 20 minutes along the track from a washed out ford. The mire visited is surrounded in tawa-dominated forest, characteristic of logged areas of Pureora Forest, and is an extensive wetland dominated by dense *Baumea rubiginosa*, (which made it very slow travel!). *Blechnum novae-zealandiae* was common throughout the wetland, *Gabnia rigida*, and a lot of grey willow (*Salix cinerea*) near the edges of the wetland. There were some pools of open water. *Drosera binata* was common around the edges of most of these pools. A non-flowering *Pterostylis* orchid was observed, and after much debate its identification was left as *Pterostylis* sp. There were occasional kahikatea (*Dacrycarpus dacrydioides*) in the wetland, along with occasional rimu (*Dacrydium cupressinum*). *Phormium tenax*, was common, along with *Pseudopanax crassifolius*. We stopped for lunch in the forest, which was a great respite from the hard work of walking through the wetland.

After the trip to the main mire, we crossed the road to visit a known mistletoe (*Ileostylus micranthus*) and a small patch of *Sparganium subglobosum* (regionally uncommon in the Waikato and Bay of Plenty) was found growing underneath willows at this site.

Although, there weren't many species found which are uncommon or rare in the area, the visit was worthwhile for noting the presence of one royal fern (*Osmunda regalis*), as well as grey willow, which have spread from the roadside margin.

TONGATONGAREREWA WETLAND FIELD TRIP
VASCULAR PLANT SPECIES LIST

John F.F. Hobbs, 18 February 2012

NZMG 260 T16 E 2735095 N 6314700 Alt. 485m

* = naturalised

Ferns and fern allies

<i>Asplenium flaccidum</i>	hanging spleenwort
<i>Blechnum chambersii</i>	nini
<i>Blechnum minus</i>	swamp kiokio
<i>Blechnum novae-zelandiae</i>	kiokio
<i>Blechnum penna-marina</i>	little hard fern
<i>Cardiomanes reniforme</i>	kidney fern
<i>Ctenopteris heterophylla</i>	
<i>Dicksonia fibrosa</i>	wheki-ponga
<i>Dicksonia squarrosa</i>	wheki
<i>Gleichenia microphylla</i>	waewaekaka
<i>Histiopteris incisa</i>	water fern
<i>Hymenophyllum demissum</i>	filmy fern
<i>Hymenophyllum dilatatum</i>	filmy fern
<i>Hymenophyllum flabellatum</i>	filmy fern
<i>Hymenophyllum multifidum</i>	filmy fern
<i>Hymenophyllum revolutum</i>	filmy fern
<i>Hymenophyllum sanguinolentum</i>	filmy fern
<i>Hypolepis distans</i>	brown hypolepis
<i>Lycopodium fastigiatum</i>	mountain clubmoss
<i>Microsorium pustulatum</i>	hound's tongue
* <i>Osmunda regalis</i>	royal fern
<i>Paesia scaberula</i>	lace fern
<i>Pteridium esculentum</i>	bracken

Gymnosperms

<i>Dacrycarpus dacrydioides</i>	kahikatea
<i>Dacrydium cupressinum</i>	rimu
<i>Phyllocladus trichomanoides</i>	tanekaha
<i>Podocarpus hallii</i>	Hall's totara
<i>Podocarpus totara</i>	totara
<i>Prumnopitys ferruginea</i>	miro
<i>Prumnopitys taxifolia</i>	matai

Dicot trees and shrubs

<i>Alseuosmia pusilla</i>	
<i>Aristotelia serrata</i>	wineberry
<i>Beilschmiedia tawa</i>	tawa
<i>Carpodetus serratus</i>	putaputaweta
<i>Coprosma dumosa</i>	
<i>Coprosma lucida</i>	kanono
<i>Coprosma robusta</i>	katramu
<i>Coprosma tenuicaulis</i>	swamp coprosma
<i>Elaeocarpus hookerianus</i>	pokaka
* <i>Erica lusitanica</i>	Spanish heath
<i>Griselinia littoralis</i>	broadleaf
<i>Hebe stricta</i>	koromiko
<i>Ileostylus micranthus</i>	mistletoe
<i>Leptospermum scoparium</i>	manuka
<i>Leucopogon fasciculatus</i>	soft mingimingi
<i>Meliclytus lanceolatus</i>	mountain mahoe
<i>Myrsine australis</i>	mapou
<i>Neomyrtus pedunculata</i>	rohutu
<i>Nestegis lanceolata</i>	white maire
<i>Pittosporum colensoi</i>	Colenso's kohuhu
<i>Pseudopanax arboreus</i>	five-finger
<i>Pseudopanax crassifolius</i>	lancewood
<i>Raukawa anomalus</i>	
<i>Raukawa simplex</i>	
* <i>Rubus fruticosus</i> agg.	blackberry
* <i>Salix cinerea</i>	grey willow
<i>Weinmannia racemosa</i>	kamahiu

Dicot climbers & lianes

<i>Clematis paniculata</i>	puawananga
<i>Metrosideros diffusa</i>	white rata vine
<i>Rubus australis</i>	swamp lawyer
<i>Rubus cissoides</i>	bush lawyer

Dicot herbs

<i>Drosera binata</i>	sundew
<i>Gonocarpus micranthus</i> subsp. <i>micranthus</i>	piripiri
* <i>Hypochaeris radicata</i>	catsear
* <i>Jacobaea vulgaris</i>	ragwort
<i>Lobelia angulata</i>	panakanake
* <i>Lotus pedunculatus</i>	lotus
* <i>Ranunculus flammula</i>	spearwort
* <i>Trifolium repens</i>	white clover

Monocot trees

Cordyline australis

cabbage tree

Orchids

Earina autumnalis

ruapeka

Earina mucronata

peka-a-waka

Pterostylis sp.

Thelymitra sp.

Grasses

Cortaderia fulvida

toetoe

* *Holcus lanatus*

Yorkshire fog

Sedges

Baumea rubiginosa

Baumea tenax

sedge tussock

Carex secta

swamp carex

Eleocharis acuta

sharp spike sedge

Eleocharis gracilis

slender spike sedge

Gabnia rigida

Uncinia sp.

hook grass

Rushes and allied plants

* *Juncus bufonius*

toad rush

Juncus edgariae

leafless rush

Juncus planifolius

flat-leaved rush

Other monocots

Astelia grandis

swamp astelia

Dianella nigra

turutu

Phormium tenax

flax

Potamogeton suboblongus

rerewai

Sparganium subglobosum

burr-reed

Typha orientalis

raupo