



Te Kōhanga Āhuru

An iwi led pest control project in North Taranaki that is a collaboration between Ngāti Tama, Ngāti Mutunga and Ngāti Maru

Te Kohanga Ahuru
26 May 2024



Favorite view from the office



Location of three Project Sites

Te Kōhanga Āhuru was established in 2021 with funding from Jobs for Nature and Save the Kiwi. The aims were to:



What we hope we will achieve

Since the Project has started the focus has been on three different sites:

Papatiki Halo



This site is in the rohe of both Ngāti Mutunga and Ngāti tama and was set up to be a halo to the large long term Ngāti Tama project at Parininihi.

It includes - Ngāti Tama Land, Maori Land, private land, QEII properties as well as PKW owned land.

Since we started this project we have installed - over 500 traps, done a kiwi acoustic survey, established some sites for our myrtle rust project and got a lot fitter.

A key part of this site is establishing relationships with landowners



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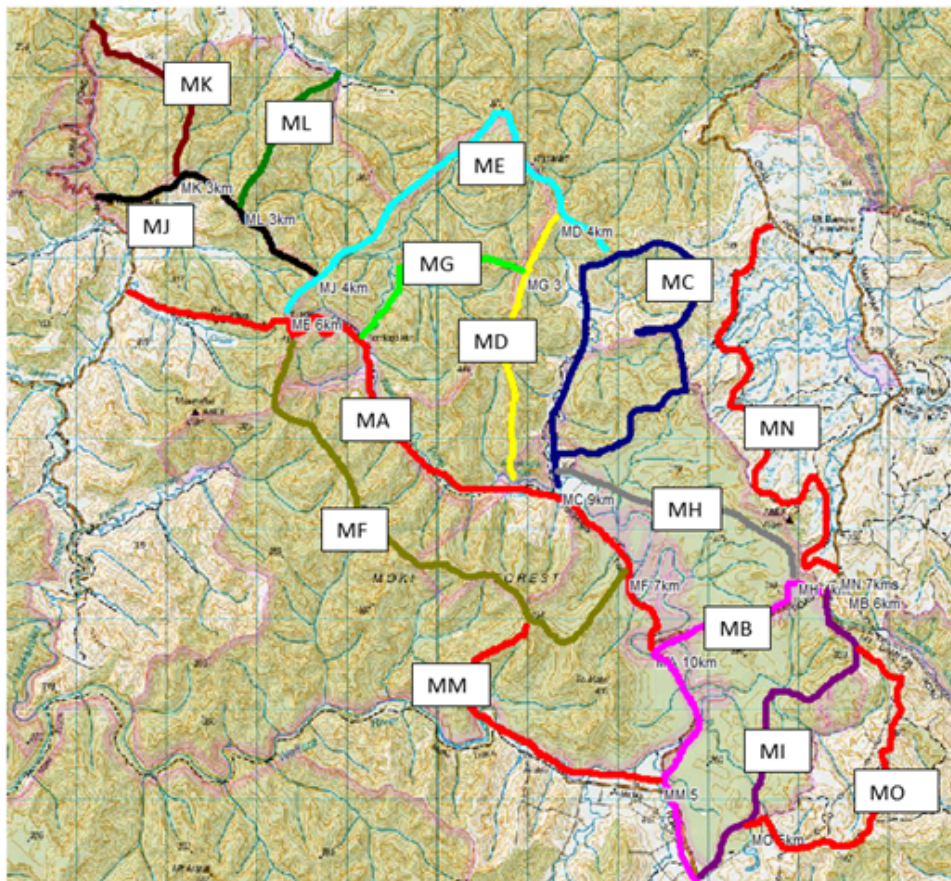
Moki Forest

This is an important site for all three iwi as this is where the three iwi boundaries meet at the headwaters of the Waitara River

The aim here is to install 70km of tracks with 500 Doc 250 and 200 Traps



It was the site where the last kōkako in Taranaki were found in the 1990's and were removed to Pukaka and later Tiritiri Matangi before the offspring were translocated back to Parininihi in 2017



Trap lines at Moki



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View the other way from the office

Taramoukou Forest



Taramoukou

This site is in the rohe of Ngāti Mutunga who has started pest control there before the Te Kōhanga Āhuru project started



Todd volunteer team

It is a very important cultural site for Ngāti Mutunga as it is the site of the trails that linked Ngāti Mutunga through the Ngāti Maru rohe to the Whanganui river

Work carried out here has included:



- 42 km's tracks
- 200 x Doc200 traps
- 20 x Doc250 traps



Kiwi call surveys and acoustic kiwi survey

Establishing 50 km of tracks

Installing 250 traps



This work is partly funded by a Todd Sponsorship which involves volunteers from Todd clearing one of our trap lines



- 1457 Hectares
- South East of Urenui

Boundary points include Taramoukou road, Mataaro Road and Piko road

Taramoukou Site



Results of our kiwi call survey at Taramoukou

Project	Current infrastructure					Total due at end of June 2024				
	DOC 200	DOC 250	Km of Tracks	Total Ha under pest Control –	Traps per Ha	DOC 200	DOC 250	Km of Tracks	Total Ha under pest Control –	Traps per ha
Papatiki	265	215	50	3,500 ha	7	265	215	50	3,500 ha	7
Moki	100	100	46	2,000 ha	9	250	250	78	4,000 ha?	8
Taramoukou	219	44	50?	1,700 ha	6	250	60	50?	1,800 ha	5.5
Total	584	355	146	7,200 ha		765	525	113	9,400 ha	

Trap Catch Data for all Sites: (1/7/2022 to 30/6/2023)

Site	Bird										Average Strike rate	Catch rate/100 nights	Traps with no catches	
	Cat	Hedgehog	Possum	Mouse	Rabbit	Rat	Stoat	Weasel	Ferrets	Total				
Taramoukou	5	1	6	3	8	4	390	14	16	0	447	15%	0.44	11
Papatiki	13	1	73	3	11	2	371	22	14		518	16%	0.56	16
Moki	3		13	2	5	1	172	42	3	1	242	17%	N/A	?
Total	21	2	92	8	24	7	933	78	33	1	1207			

Myrtle Rust Work

Te Kōhanga Āhuru were lucky enough to be part of the Plant and Food myrtle rust contract working with Waitangi Woods and her team

For this project we have:

Established 4 sites that we have mapped and monitored the forest using matauranga māori



Learnt how to identify myrtle rust and established and monitoring and recording network of sites in our three project areas

Learnt how to use our arcgis system

Learnt and used a pro cam

We have really enjoyed being part of this contract and have learnt a lot

Other work we do

We also have a contract to work in the Pest Management Area that is part of the Te Ara o te Ata project at Parininihi in the rohe of Ngāti Tama. This has given the team experience in a wider range of traps, doing bait runs, and working in forest that contains kōkako