



Mangapārae Papakainga

Restoration Progress Report August 2020

Mangapārae Papakainga Restoration

11 Te Whiwhi Steet, Whatatutu

Gisborne

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Introduction

Te Kooti Arikirangi Te Turuki prophesied over the lands at Mangatū concerning its erosion which our whānau in 2017 interprets, underpins the basic need for kaitiakitanga and healing in the wake of colonization, land loss, deforestation, farming and mismanagement of our whenua that has led to an erosion of our ways of knowing and being associated with uninterrupted tenancy, and caring for the whenua, over many generations. Our whānau led and managed restoration project hopes to address the loss of this mātauranga and, to have an opportunity, to demonstrate our commitment of relationship with our whenua toward wellness and flourishing for the land and the people.

We are planting over 10000 Tōtara, Kahikatea, Mānuka, Kānuka, Karaka, Pūriri, Rewarewa, Rimu, Tītoki and other native species. This will encourage the return and species improvement of native pigeon the Kererū, Weka and Tui. Mangapārae will be a haven for endangered birds and plants including Ngutukākā. In addition, we are building spaces for reflection, a way-finding loop with boardwalks and accessible walkways.



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Progress report

- Whanua hui and wananga
 - Engagement plan developed
 - Community, Government engagement completed/ongoing
 - Iwi/Hapu/Marae/kaumatua engagement
 - Engagement and relationship management with Native Tree Nursery and Uawa Factory Road Native Nursery.
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- Gisborne District Council assessment team visit
 - Research and evidence base collected
 - Stream and waterways assessment
 - Removal of noxious plants and pests
 - Natural spring cleared
 - Planting plan engagement with GDC, DOC, Trees that Count and kaumatua
 - Planting plan completed
 - Online Toolkit designed
 - Health and safety and COVID
 - Website designed and launched www.mangaparae.com
 - Presentation to MPI Billion Tree program in Gisborne
 - Mangaparae Pakainga nursery established to source and grow local Karaka etc.
 - Application to MPI successful

Planting team: Moeawa, SJimmy-Zev, Apenti, Kito, Ngawari, SJimmy, Virginia, Ngaire, Wana, Trish, Gerald, Renee, Whatarau, Vicky Courtney, Dianne, Ginia, Hauturu, Peipi whanau, Rakati and others.

Below planting schedule does not include riparian plants (500) etc.

Plant and tree sources: Local seed and grown at Mangaparae nursery, Native Tree Nursery and Uawa Factory.



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Planting One

Native Species	Approx	Value	Approx		Approx
Kākābeak/ngutu kākā <i>Clianthus puniceus</i>	4	Pōkākā <i>Elaeocarpu s hookerianus</i>	30	Pukatea <i>Laurelia novae-zelandiae pukatea</i>	20
Karamu <i>Coprosma robusta</i>	50	Ti kouka <i>Cordyline australis</i>	200	Kahikatea <i>Dacrycarpu s dacridoides</i>	200

Planting Two and three

Native Species	approx.	Value	approx.		approx.
Kowhai <i>Sophora microphylla</i>	100	Rewarewa <i>Knightia excelsa</i>	200	Houhere <i>Hoheria sexstylosa</i>	200
Mahoe <i>Melicytus ramiflorus</i>	200	Mapou <i>Myrsine australis</i>	200	Totara <i>Podocarpus totara</i>	300
Kanuka <i>Kunzea ericoides</i>	1000	Pokaka <i>Elaeocarpu s hookerianus</i>	200	Kahikatea <i>Dacrycarpus dacridoides</i>	200
Titoki <i>Alectron excelsus</i>	100	Karamu <i>Coprosma robusta</i>	200	Manatu <i>Plagianthus regiu</i>	200



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Planting Four and Five

Native Species	approx.	Value	approx.		approx.
Kowhai <i>Sophora microphylla</i>	100	Alectryon Titoki	100	Pittosporum eugenoides – Lemonwood or Tarata	200
Kanuka <i>Kunzea ericoides</i>	1000	Ti kouka <i>Cordyline australis</i>	200	Totara <i>Podocarpus totara</i>	500
Dacrydium cupressinum – Rimu or Red Pine	200	Pokaka <i>Elaeocarpus hookerianus</i>	200	Kahikatea <i>Dacrydium dacrydoides</i>	200
Prumnopitys taxifolia – Matai or Black Pine	4	Karamu <i>Coprosma robusta</i>	200	Manatu <i>Plagianthus regiu</i>	200
Hoheria sexstylosa ribbonwood	200	Rewarewa Knigh <i>tia excelsa</i>	200	Titoki <i>Alectron excelsus</i>	200
Kumarahou Pomaderis kumeraho	100	Hebe <i>Hebe stricta</i>	200	Houhere <i>Hoheria sexstylosa</i>	200
Puriri	20	Karaka	30	Laurelia Pukatea	200
Manuka	2500				
Total				10358	



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Figure 1 planting Kowhai



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Figure 2 Pre planting land status



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Figure 3 Matai and grasses for riparian protection



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Figure 4 Planting team



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Figure 5 EIT plants collection



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Figure 6 Kahikatea Planting around lakes



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Figure 7 Gisborne District Council assessment team visit



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Figure 8 Local whanau and hapu supporters



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Figure 9 Kanuka planting



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Figure 10 Totara, Rewarewa and kahikatea



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Figure 11 Collections from Native tree nursery and Tolaga Bay nurseries



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Figure 12 Mixed native planting & staked by planting team



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Figure 13 collecting trees from Makaraka Nursery



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Figure 14 collecting 500+ Totara



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Figure 15 Makaraka Nursery team and some of the Mangaparae whanau planters



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Figure 16 X 4000 stakes used



Figure 17 Totara Kahikatea Rimu kowhai Matai planted and staked



Figure 18 Area planted and noxious weed control