

8. Management Units

8.1 Overview

The project area contains a number of reserves within the Pourewa Valley, including the Pourewa stream and its tributaries that require restoration work including pest plant control, pest animal control and planting. These reserves have been identified as management units (MU's) in Figure 26, with required weed and pest animal control and planting options outlined.



Management Units

*Figure
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8.9 Ngapipi Reserve (Management Unit 12)

The land parcel is an Auckland Council Community Park that adjoins the surrounding suburban area via Ngapipi Road. It adjoins land that is part of Pourewa Creek Recreation Reserve and is across the road from Ngapipi Cliff Reserve, both of which are Significant Ecological Area – Coastal Broadleaved Forest (WF4)

The reserve is made up of open space and regenerating forest consisting of indigenous vegetation types typical of broadleaved scrub/forest. Canopy species include pohutukawa, karo, karaka, and kohekohe.

Most pest plant incursions are fewer than 50% of cover/biomass, and are discrete species with tree privet being the most common species.



Figure 44: Pest plant abundance (density % of biomass)

8.9.1 Pest Plant Species & Control Method

Common name	Threat	ID	Method (chem; non-chem)	Who
Arum lily (<i>Zantedeschia aethiopica</i>)	Sustained Control	5	CP H	Volunteer Volunteer
Black Wattle (<i>Acacia mearnsii</i>)	Not listed	4	CP; R; DF H (seedlings); C; CM	Volunteer Volunteer (seedlings)/Eco-

				Contractor (Trees)
Cherry (<i>Prunus campanulata</i>)	Not listed	4	R; DF C; CM	Volunteer Eco-Contractor
Climbing asparagus* (<i>Asparagus scandens</i>)	Sustained Control	4	FS	Eco- Contractor
Cotoneaster (<i>Cotoneaster glaucophyllus</i>)	Sustained Control	4	FS; CP;DF H	Eco-Contractor Volunteer
Ginger (<i>Hedychium gardnerianum</i> ; <i>H. flavesescens</i>)	Sustained Control	2,3	CP H	Volunteer Volunteer
Jasmine (<i>Jasminum polyanthum</i>)	Sustained Control	2	CP;FS H	Eco-Contractor Volunteer
Loquat (<i>Eryobotria japonica</i>)	Not Listed	4	CP;RB;FS;D F H	Eco-Contractor Volunteer
Privet – Chinese (<i>Ligustrum sinensis</i>)	Sustained Control	4	CP; R; DF H (seedlings); C; CM	Volunteer Volunteer (seedlings)/Eco- Contractor (Trees)
Privet – Tree * (<i>Ligustrum lucidum</i>)	Sustained Control	1,2,3,4,5	CP; R; DF H (seedlings); C; CM	Volunteer Volunteer (seedlings)/Eco- Contractor (Trees)
Queen of the Night (<i>Cestrum nocturnum</i>)	Sustained Control	1		
Woolly Nightshade (<i>Solanum mauritianum</i>)	Sustained Control	5	CP; R H;C	Volunteer Volunteer

Method code: Cut & Paste (CP) Cut – non chemical (C) Ringbark (R) Foliar spray (FS) Drill & Fill (DF) Hand (H) Chip & Mulch (CM)

*Species where areas of incursion are one species only (ID numbers in bold)



Figure 45: Pest animal control sites

8.9.2 Pest Animal Species & Control Method

Species	Method	Trap Type	Who
Rat	T	Wooden Rat Tunnel T-rex in Wooden Tunnel Coreflute Tunnel	Volunteer Residential Trapper Eco-Contractor
Possum	T	Timms	Volunteer Residential Trapper
Mice	T	Wooden Rat Tunnel T-rex in Wooden Tunnel Coreflute Tunnel	Eco-Contractor
Hedgehog	T	T-rex in Wooden Tunnel Timms	Volunteer Residential Trapper

Wasp	S	Spray	Volunteer
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Method code: Bait (B) Trap (T) types of trap Spray (S)

8.9.3 Volunteer Groups

- Eastern Bays Songbird Project