

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.



Figure 26:

Management Units

8.10 Paratai Reserve (Management Unit 14)

The land parcel is an Auckland Council Community Park that adjoins the surrounding suburban area via Ngapipi Road, Tuhaere St, Tamaki Drive and Paritai Drive. It is a 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 46: Pest plant abundance (density % of biomass)

8.10.1 Pest Plant Species & Control Method

Common name	Threat	ID	Method (chem; non-chem)	Who
Agapanthus* (<i>Agapanthus praecox</i>)	Sustained Control	12,13	FS H	Eco-Contractor Volunteer
Moth Plant (<i>Araujia sericifera</i>)	Sustained Control	4	CP; FS H	Eco-Contractor Volunteer

Privet – Tree * (<i>Ligustrum lucidum</i>)	Sustained Control	4	CP; R; DF H (seedlings); C; CM	Volunteer Volunteer (seedlings)/Eco- Contractor (Trees)
Wandering willie* (<i>Tradescantia</i>)	Sustained Control	3,12	FS H	Eco-Contractor Volunteer
Woolly Nightshade (<i>Solanum mauritianum</i>)	Sustained Control	4	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 47: Pest animal control sites

8.10.2 Pest Animal Species & Control Method

Species	Method	Trap Type	Who
Rat	T	Timms	Volunteer Eco- Contractor Residential Trapper

Possum	T	Timms	Volunteer Eco- Contractor Residential Trapper
Stoat	T	DOC200	Volunteer
Wasp	S	Spray	Volunteer

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

8.10.3 Volunteer Groups

- Eastern Bays Songbird Project