

# HFNC Report on Kanawalla Rail Flora Reserve works 2009

## Rod Bird

The previous report for the area was 15 May 2008. The works conducted from 24 May 2008 to December 2009 were as follows:

### Weed spraying and/or weeding:

- 24 May 2008 – RB finished spraying around trees in south end and at mid-section (15 L, 4 hr). Weeded around all trees from mid-section to south end. Re-set tree guards.
- 16 June 2008 – RB applied 11 L glyphosate & pulse to weed (incl. patch of *Oxalis purpurea*) at north end.
- 4 Sep 2008 – RB sprayed (2.5 hr) *Sparaxis* (~50 plants) and Wild Gladioli in ramp area, and Carrot Grass under the big Wild Cherry tree. Also 10 *Sparaxis* near Forts Rd. Sprayed around trees in old Cypress area, and patches of Phalaris along the fence on Sth side and at the cypress area and mound in the NE corner. A lot of trees in guards being choked by grass.
- 20 Oct 2008 – RB sprayed 10 L (3 hr) around trees on Nth end and on patches of Phalaris, Cocksfoot and Paspalum. No *Sparaxis* seen.
- 16 Nov 2008 – DL & RB (1 hr each) weeded around some trees at mid-area.
- 17 Nov 2008 – RB (10 L, 6 hr) sprayed Briar Rose, Paspalum (48 clumps at mid-section old railway excavated area); sprayed around and removed weeds within guards for trees from (and including) mid-area back to MacFarlane's Rd. Some trees killed by the grass.
- 18 June 2009 – RB sprayed (3.5 hr, 20 L) - Ally & Pulse on *Oxalis purpurea* on last 100 m of Sth section and 40 *Sparaxis* plants at Station Ground mound area; sprayed glyphosate around trees in Nth section near Hensley Pk Rd gate and Cypress area, and Phalaris and Cocksfoot along both side fences. Straightened up many tree guards.
- 10 Sep 2009 – RB (5.5 hr, 16 l) sprayed weed (Glyphosate & Pulse) from MacFarlane's Rd to mid-section. Sprayed around trees in all 10 clumps plus the 8 clumps in the mid-section. Re-fitted many guards. Sprayed *O. purpurea* on eastern side fence from MacFarlane's Rd to centre and 19 *Sparaxis* plants in the mound area.
- 17 Oct 2009 – DL & RB (each 4.5 hr) weeded trees from Macfarlane's Rd to mid-section. Also sprayed *O. Purpurea* (Ally & Pulse) midway along W block and 20 *Sparaxis* plants near mound.
- 18 Oct 2009 – RB (3 hr) weeding Nth block around Cypress area and refitting (and shifting) some wire guards. Sprayed many Phalaris and thistles.
- 20 Oct 2009 – RB (3 hr) weeding Nth block where some very small plants from last year swamped by weeds and would not have survived. Also sprayed 3 *Sparaxis* plants near Forts Rd fence and clumps of Phalaris & Cocksfoot.

### Tree planting

- 20 Oct 2008 – RB planted 15 Tree Everlasting (seed from Bullrush Swamp) at old Cypress area. A very dry spring. – 2 hr
- 20 Aug 2009 – JC, GC, JS & RT (3.5 hr each) planted 50 trees grown by RB (32 *Bursaria* from Hensley Pk Rd and 18 Tree Everlasting from Bullrush) and guarded with plastic and wire guard against Wallabies.

### Other incidents

- June 2008 - vandals removed gate fastener on Macfarlane's Rd entry and drove a 4WD through the reserve, knocking down 2 River Red Gum saplings in northern section, running over trees and guards in the old Cypress area, and finally crashing over the fence on Forts Rd (bending over the steel posts). The damage reported to Police and an article with photo put in the Spectator.
- 19 June 2008 – JC & RB repaired fence on Forts Rd.

**Table 1. Native vascular flora for Kanawalla Railway Reserve in 1978/79 & 2003-07**

No.	Botanic name	Common name	Recorded in 1978/79 by Milne	Recorded by HFNC in 2003/07
1	<i>Acacia mearnsii</i>	Black Wattle	R	C
2	<i>Acacia melanoxylon</i>	Blackwood	R	R
3	<i>Acaena novae-zelandiae</i>	Bidgee-widgee	C	VC
4	<i>Acaena echinata</i>	Sheep's Burr	C	VC
5	<i>Agrostis avenacea</i>	Common Blown-grass	p	P
6	<i>Allocasuarina verticillata</i>	Drooping Sheoak	r	VR
7	<i>Arthropodium milleflorum</i>	Pale Vanilla-lily	r	P
8	<i>Arthropodium strictum</i>	Chocolate Lily	c	P
9	<i>Asperula conferta</i>	Common woodruff	p	VC
10	<i>Astroloma humifusum</i>	Cranberry Heath	r	C
11	<i>Austrodanthonia caespitosa</i>	Common Wallaby-grass	p	P
12	<i>Austrodanthonia geniculata</i>	Kneed Wallaby-grass	p	P
13	<i>Austrodanthonia setacea</i>	Bristly Wallaby-grass	p	P
14	<i>Austrostipa</i> spp. 1	Tall Spear Grass	p	VC
15	<i>Austrostipa</i> spp. 2	Spear Grass		C
16	<i>Bossiaea prostrata</i>	Creeping Bossiaea	r	C
17	<i>Brunonia australis</i>	Blue Pincushions	r	R
18	<i>Bulbine bulbosa</i>	Bulbine Lily	c	C
19	<i>Burchardia umbellata</i>	Milkmaids	c	VC
20	<i>Caesia calliantha</i>	Blue Grass-lily	r	R
21	<i>Chrysocephalum apiculatum</i>	Common Everlasting	r	R
22	<i>Convolvulus remotus</i>	Pink bindweed	r	C
23	<i>Cynoglossum suaveolens</i>	Sweet hounds-tongue		C
24	<i>Dianella revoluta</i>	Black-anther Flax-lily	r	R
25	<i>Dianella longifolia</i>	Pale Flax-lily		R
26	<i>Dichelacne crinita</i>	Long-hair Plume-grass		P
27	<i>Dichondra repens</i>	Kidney Weed		P
28	<i>Dillwynia glaberrima</i>	Smooth Parrot-pea	vr	
29	<i>Diuris pedunculata</i>	Golden Moths	r	R
30	<i>Drosera peltata</i>	Pale Sundew	c	VC
31	<i>Elymus scabrum</i>	Common Wheat-grass		P
32	<i>Erodium crinitum</i>	Blue Heron's-bill		C
33	<i>Eryngium ovinum</i>	Blue Devils	r	R
34	<i>Eucalyptus camaldulensis</i>	River Red Gum	r	R
35	<i>#Eucalyptus cladocalyx</i>	Sugar Gum		R
36	<i>Eucalyptus ovata</i>	Swamp Gum	r	R
37	<i>Eucalyptus viminalis</i>	Manna Gum		R
38	<i>Exocarpos cuppresiformis</i>	Cherry Ballart		R
39	<i>Geranium solanderi</i>	Austral Cranes-bill	c*	C
40	<i>Gnaphalium involucreatum</i>	Jersey Cudweed	p*	R
41	<i>Gonocarpos tetragynus</i>	Common Raspwort	c*	VC
42	<i>Goodenia geniculata</i>	Bent Goodenia	r*	
43	<i>Goodenia humilus</i>	Swamp Goodenia		VR
44	<i>Goodenia pinnatifida</i>	Cut-leaf Goodenia		C
45	<i>Helichrysum scorpioides</i>	Button Everlasting	r*	R
46	<i>Hibbertia stricta</i>	Erect Guinea-flower		VR
47	<i>Hydrocotyle laxiflora</i>	Stinking Pennywort	c*	VC
48	<i>Hypericum gramineum</i>	Small St John's Wort		VC
49	<i>Hypoxis glabella</i>	Yellow Star	r	C
50	<i>Juncus bufonius</i>	Toad Rush		VC
51	<i>Juncus holoschoenus</i>	Joint-leaf Rush	p*	C
52	<i>Juncus pallidus</i>	Pale Rush		VR
53	<i>Kennedia prostrata</i>	Running Postman	p	R
54	<i>Leptorhynchus squamatus</i>	Scaly Buttons	p	C
55	<i>Leptospermum continentale</i>	Prickly Tea-tree		VR
56	<i>Lobelia pratoides</i>	Angled Lobelia	p	R
57	<i>Lomandra filiformis coriacea</i>	Wattle Mat-lily		C

58	<i>Lomandra multiflora</i>	Many-flowered Mat-lily		R
59	<i>Microlaena stipoides</i>	Weeping Grass	p	C
60	<i>Microtis parvifolius</i>	Common Onion Orchid	p	C
61	<i>Oxalis perrenans</i>	Wood Sorrel	p	R
62	<i>Opercularia varia</i>	Variable Stinkweed		R
63	<i>Ozothamnus ferrugineus</i>	Tree Everlasting		VR
64	<i>Pelargonium rodneyanum</i>	Magenta Storksbill	p	
65	<i>Pentapogon quadrifida</i>	5-awned Speargrass		R
66	<i>Pimelea humilis</i>	Common Rice-flower	p	C
67	<i>Pimelea curviflora</i>	Curved Rice-flower	p	VC
68	<i>Poa labillardiera</i>	Common Tussock-grass	p	R
69	<i>Poa sieberana</i>	Tussock-grass		VC
70	<i>Ranunculus lappaceus</i>	Austral Buttercup	r	VR
71	<i>Selliera radicans</i>	Swamp Weed		VR
72	<i>Sencio squarrosus</i>	Fireweed		R
73	<i>Sencio quadridentatus</i>	Cotton Fire-weed	p	C
74	<i>Stackhousia monogyna</i>	Candles		C
75	<i>Stylidium graminifolium</i>	Grass Trigger-plant	p	
76	<i>Thelymitra</i> sp.	Sun-orchid		VR
77	<i>Thelymitra megacaliptra?</i>	Great Sun-orchid		VR
78	<i>Thelymitra pauciflora</i>	Slender sun-orchid	c	C
79	<i>Themeda triandra</i>	Kangaroo Grass	vc	VC
80	<i>Thysanotus pattersonii</i>	Twining Fringe-lily		VR
81	<i>Tricoryne elatior</i>	Yellow Grass-lily	p	C
82	<i>Velleia paradoxa</i>	Spurred Velleia		VR
83	<i>Veronica gracilis</i>	Slender Speedwell	r*	C
84	<i>Villarsia umbricola</i>	Lax marsh-flower	p*	VR
85	<i>Wahlenbergia gracillis</i>	Sprawling Bluebell	r	R
86	<i>Wahlenbergia multicaulis</i>	Bluebell	p*	R

Approximate relative abundance when surveyed:

- vc very common (1000s)
- c common (100s)
- r rare (10s)
- vr very rare (<10)
- p present but abundance not estimated
- \* herbarium specimen collected.
- # not indigenous

## SITE MAP

### Kanawalla Station Ground and Rail Reserve

(from Department of Conservation & Environment's 1991 Disused Railway Lines Planning Process paper 'Minhamite Station Ground to Balmoral Station Ground (via Hamilton)')

