

### Appendix six: Floristic quadrat details

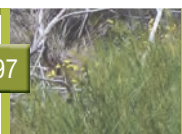
<b>Quadrat/Site:</b>	GRV0801	<b>Date:</b>	11/08/2008		
<b>Field Staff:</b>	LA/CK				
<b>Wpt.</b>	1	<b>Lat.</b>	28°41'36.4"	<b>Long.</b>	114°36'52.6"
<b>Photo No:</b>	1	<b>Direction:</b>	SE		
<b>Aspect:</b>	NE	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope/dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	0	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	10%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	45%
<b>Condition: (Keighery)</b>	Very good	<b>Weed cover:</b>	10%		
<b>Disturbance:</b>	<i>Type</i>	Fire	<i>Extent</i>	100%	
	<i>Type</i>	Drought	<i>Extent</i>	100%	

**Community Description:**

M+^ Stylobasium spathulatum, Acacia rostellifera\shrub\3\i;G^Tetragonia implexicoma, Acanthocarpus preissii, Rhagodia preissii subsp. obovata\shrub,forb,chenopod shrub\2\i

**Species**

- Acacia rostellifera*
- Acanthocarpus preissii*
- \**Anagallis arvensis*
- Austrostipa elegantissima*
- \**Brassica tournefortii*
- Calandrinia polyandra*
- Carpobrotus virescens*
- Cassytha flava*
- Clematis linearifolia*
- \**Echium plantagineum*
- \**Euphorbia peplus*
- \**Euphorbia terracina*
- \**Poaceae spA*
- Ptilotus divaricatus*
- \**Reichardia tingitana*
- Rhagodia preissii subsp. obovata*
- Stylobasium spathulatum*
- Tetragonia implexicoma*
- Threlkeldia diffusa*



## Appendix six: Floristic quadrat details

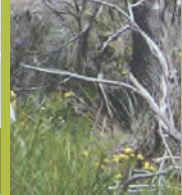
<b>Quadrat/Site:</b>	GRV0802	<b>Date:</b>	11/08/2008		
<b>Field Staff:</b>	LA/CK				
<b>Wpt.</b>	2	<b>Lat.</b>	28°41'49.3"	<b>Long.</b>	114°37'05.1"
<b>Photo No:</b>	2	<b>Direction:</b>	SE		
<b>Aspect:</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope/dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	0	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	10%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	80%
<b>Condition: (Keighery)</b>	Good	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	Type	Rabbits	Extent	20%	

**Community Description:**

M+*Acacia rostellifera* shrub; G*Tetragonia implexicoma*,  
*Acanthocarpus preissii*, *Stylobasium spathulatum* shrub, forb

**Species**

*Acacia rostellifera*  
*Acanthocarpus preissii*  
 \**Anagallis arvensis*  
*Austrostipa elegantissima*  
*Calandrinia brevipedata*  
*Calandrinia polyandra*  
*Clematis linearifolia*  
*Commicarpus australis*  
 \**Euphorbia peplus*  
 \**Lycium ferocissimum*  
 \**Poaceae* spA  
*Ptilotus divaricatus*  
*Stylobasium spathulatum*  
*Tetragonia implexicoma*  
*Threlkeldia diffusa*



### Appendix six: Floristic quadrat details

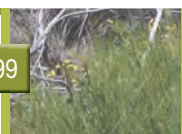
<b>Quadrat/Site:</b>	GRV0803	<b>Date:</b>	12/08/2008		
<b>Field Staff:</b>	LA/CK				
<b>Wpt.</b>	3	<b>Lat.</b>	28°41'57.8"	<b>Long.</b>	114°36'49.3"
<b>Photo No:</b>	3	<b>Direction:</b>	SE		
<b>Aspect:</b>	S	<b>Slope:</b>	Gentle	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	20%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	30%
<b>Condition: (Keighery)</b>	Excellent	<b>Weed cover:</b>	2%		
<b>Disturbance:</b>	<i>Type</i>	Drought/ senescence	<i>Extent</i>	50%	
<b>Notes:</b>	Some dead shrubs (senescence or drought), seedling Threlkeldia, perennial grass, scattered Lycium ferocissimum.				

**Community Description:**

M+<sup>+</sup>Olearia axillaris, Acacia rostellifera, Rhagodia preissii subsp. obovata<sup>+</sup>shrub, chenopod shrub<sup>3</sup>r;G<sup>+</sup>Spinifex longifolius, Threlkeldia diffusa<sup>+</sup>tussock grass, chenopod shrub<sup>2</sup>i

**Species**

- Acacia rostellifera
- Acanthocarpus preissii
- Asteraceae spA
- \*Brassica tournefortii
- Calandrinia polyandra
- Commicarpus australis
- Crassula colorata
- \*Ehrharta longiflora
- \*Euphorbia terracina
- INDET spA
- Olearia axillaris
- \*Reichardia tingitana
- Rhagodia preissii subsp. obovata
- Scaevola crassifolia
- Spinifex longifolius
- Tetragonia implexicoma
- Threlkeldia diffusa
- Zygophyllum fruticulosum



## Appendix six: Floristic quadrat details

<b>Quadrat/Site:</b>	GRV0804	<b>Date:</b>	12/08/2008		
<b>Field Staff:</b>	LA/CK				
<b>Wpt.</b>	4	<b>Lat.</b>	28°41'59.3"	<b>Long.</b>	114°36'47.6"
<b>Photo No:</b>	4	<b>Direction:</b>	SE		
<b>Aspect:</b>	W	<b>Slope:</b>	Steep	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	<1%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	85%
<b>Condition: (Keighery)</b>	Good	<b>Weed cover:</b>	<1%		
<b>Disturbance:</b>	<i>Type</i>	Wind erosion	<i>Extent</i>	100%	
	<i>Type</i>	Drought	<i>Extent</i>	100%	

**Notes:** Foredune – naturally wind eroded, little human disturbance, some dead shrubs and annuals (*Angianthus*)

**Community Description:** M+<sup>^</sup>*Atriplex isatidea*<sup>^</sup>chenopod shrub\3\i;G<sup>^</sup>*Spinifex longifolius*<sup>^</sup>tussock grass\2\r

**Species**

*Atriplex isatidea*

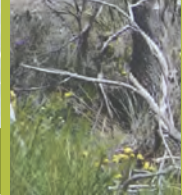
\**Mesembryanthemum crystallinum*

*Olearia axillaris*

*Salsola tragus*

*Spinifex longifolius*

*Threlkeldia diffusa*



### Appendix six: Floristic quadrat details

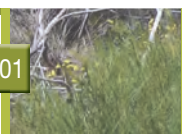
<b>Quadrat/Site:</b>	GRV0805	<b>Date:</b>	12/08/2008		
<b>Field Staff:</b>	LA/CK				
<b>Wpt.</b>	5	<b>Lat.</b>	28°41'09.4"	<b>Long.</b>	114°36'24.9"
<b>Photo No:</b>	5	<b>Direction:</b>	SE		
<b>Aspect:</b>	NE	<b>Slope:</b>	Gentle	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	60%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	10%
<b>Condition: (Keighery)</b>	Excellent	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	<i>Type</i>	Rabbits	<i>Extent</i>	20%	
<b>Notes:</b>	Rabbit warren under <i>Myoporum</i> shrub. Seedling <i>Threlkeldia</i> , <i>Tetragonia</i> .				

**Community Description:**

M+<sup>^</sup>*Acacia rostellifera*<sup>^</sup>shrub\3\c;G<sup>^</sup>*Threlkeldia diffusa*, *Zygophyllum fruticosum*, *Tetragonia implexicoma*<sup>^</sup>chenopod shrub,shrub\2\i

**Species**

- Acacia rostellifera*
- Acanthocarpus preissii*
- \**Brassica tournefortii*
- Calandrinia polyandra*
- Carpobrotus virescens*
- \**Lycium ferocissimum*
- \**Mesembryanthemum crystallinum*
- Myoporum insulare*
- Olearia axillaris*
- Poaceae spB*
- Ptilotus divaricatus*
- Rhagodia latifolia* subsp. *recta*
- Senecio pinnatifolius*
- Tetragonia implexicoma*
- Threlkeldia diffusa*
- Zygophyllum fruticosum*



## Appendix six: Floristic quadrat details

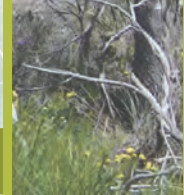
<b>Quadrat/Site:</b>	GRV0806	<b>Date:</b>	11/08/2008		
<b>Field Staff:</b>	LA/CK				
<b>Wpt.</b>	6	<b>Lat.</b>	28°40'45.8"	<b>Long.</b>	114°37'10.4"
<b>Photo No:</b>	6	<b>Direction:</b>	SE		
<b>Aspect:</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Plain
<b>Surface Soil:</b>	Clayey sand	<b>Colour:</b>	Pale orange		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	0%	<b>Litter depth:</b>	n/a	<b>Bare ground:</b>	0%
<b>Condition (Keighery)</b>	Degraded	<b>Weed cover:</b>	100%		
<b>Disturbance:</b>	<i>Type</i>	Weeds	<i>Extent</i>	100%	
<b>Notes:</b>	Very weedy				

**Community Description:**

U+^Eucalyptus camaldulensis\^tree\6\r;M^Acacia rostellifera\^shrub\6\r;G^Bromus diandrus, Oxalis pes-caprae, Avena barbata\^other grass,forb\2\d

**Species**

*Acacia rostellifera*  
 \**Avena barbata*  
 \**Bromus diandrus*  
 \**Chenopodium murale*  
 \**Echium plantagineum*  
 \**Ehrharta brevifolia* var. *cuspidate*  
 \**Ehrharta longiflora*  
*Emex australis*  
*Eucalyptus camaldulensis* var. *obtusa*  
 \**Fumaria capreolata*  
 \**Hypochoeris radicata*  
 \**Lupinus cosentinii*  
 \**Malva parviflora*  
 \**Oxalis pes-caprae*  
 \**Raphanus raphanistrum*  
 \**Reichardia tingitana*  
 \**Sisymbrium orientale*  
 \**Sonchus oleraceus*  
*Threlkeldia diffusa*



### Appendix six: Floristic quadrat details

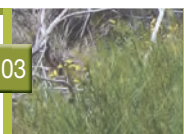
<b>Quadrat/Site:</b>	GRV0807	<b>Date:</b>	12/08/2008		
<b>Field Staff:</b>	LA/CK				
<b>Wpt.</b>	7	<b>Lat.</b>	28°40'57.1"	<b>Long.</b>	114°37'06.7"
<b>Photo No:</b>	7	<b>Direction:</b>	SE		
<b>Aspect:</b>	n/a	<b>Slope:</b>	Flat	<b>Topography</b>	Plain
<b>Surface Soil:</b>	Clay	<b>Colour:</b>	Brown/grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	100%	<b>Litter depth:</b>	2 cm	<b>Bare ground:</b>	0%
<b>Condition (Keighery)</b>	Degraded	<b>Weed cover:</b>	60%		
<b>Disturbance:</b>	<i>Type</i>	Weeds	<i>Extent</i>	100%	

**Notes:** Weedy. *Eucalyptus camaldulensis* (rare) nearby: transition between *E. camaldulensis* / *Casuarina obesa* dominance.

**Community Description:** U+^*Casuarina obesa*^tree\7\c;M^*Lycium ferocissimum*^shrub\4\ r;G^*Ehrharta longiflora*, *Enchylaena tomentosa*^other grass,chenopod shrub\1\c

#### Species

- Casuarina obesa*
- \**Ehrharta longiflora*
- \**Emex australis*
- Enchylaena tomentosa*
- \**Hordeum leporinum*
- \**Lycium ferocissimum*
- \**Melilotus indicus*
- Myoporum insulare*
- Pimelea microcephala* subsp. *microcephala*
- \**Reichardia tingitana*
- \**Sonchus oleraceus*



## Appendix six: Floristic quadrat details

<b>Quadrat/Site:</b>	GRV0808	<b>Date:</b>	12/08/2008		
<b>Field Staff:</b>	LA/CK				
<b>Wpt.</b>	8	<b>Lat.</b>	28°41'25.2"	<b>Long.</b>	114°37'11.2"
<b>Photo No:</b>	8	<b>Direction:</b>	SE		
<b>Aspect:</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Valley
<b>Surface Soil:</b>	Clay	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover</b>	100%	<b>Litter depth</b>	5 cm	<b>Bare ground</b>	0%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover</b>	1%		
<b>Disturbance:</b>	<i>Type</i>	Almost none	<i>Extent</i>		

**Notes:** GPS accuracy approximately 10 m EPE. Seedling *Casuarina obesa* present.

**Community Description:** U+^*Casuarina obesa*^tree\7c;G^*Rhagodia preissii* subsp. *obovata*^chenopod shrub\2r

**Species**

\**Avena barbata*

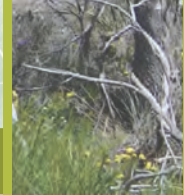
*Casuarina obesa*

*Enchylaena tomentosa*

*Rhagodia preissii* subsp. *obovata*

\**Sonchus oleraceus*



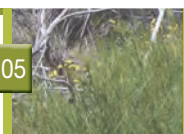


### Appendix six: Floristic quadrat details

<b>Quadrat/Site:</b>	GRV0809	<b>Date:</b>	12/08/2008		
<b>Field Staff:</b>	LA/CK				
<b>Wpt.</b>	9	<b>Lat.</b>	28°37'19.7"	<b>Long.</b>	114°38'55.2"
<b>Photo No:</b>	9	<b>Direction:</b>	SE		
<b>Aspect:</b>	W	<b>Slope:</b>	Flat	<b>Topography:</b>	Valley/ watercourse
<b>Surface Soil:</b>	Clayey sand	<b>Colour:</b>	Orange		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock</b>	1	<b>Fragment size:</b>	1-15 cm
<b>Litter cover:</b>	10%	<b>Litter depth</b>	20 cm	<b>Bare ground</b>	15%
<b>Condition (Keighery)</b>	Degraded	<b>Weed cover</b>	85%		
<b>Disturbance:</b>	<i>Type</i>	Weeds	<i>Extent</i>	80%	
<b>Notes:</b>	Stones in river bed – not subsurface. Litter is wash from flood. Bare ground is river bed.				
<b>Community Description:</b>	U+^Casuarina obesa\^tree\7i;G^Hordeum leporinum, Bromus diandrus, Lolium rigidum\^other grass\1\d				

#### Species

\**Arctotheca calendula*  
 \**Avena barbata*  
 \**Bromus diandrus*  
*Cassytha flava*  
*Casuarina obesa*  
 \**Chenopodium murale*  
 \**Echium plantagineum*  
 \**Emex australis*  
 \**Hordeum leporinum*  
 \**Hypochaeris radicata*  
 \**Lolium rigidum*  
 \**Malva parviflora*  
*Melaleuca raphiophylla*  
 \**Raphanus raphanistrum*  
*Solanum* sp.  
 \**Sonchus oleraceus*  
 \**Stellaria media*  
 \**Trifolium campestre*



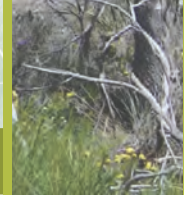
## Appendix six: Floristic quadrat details

<b>Quadrat/Site:</b>	GRV0810	<b>Date:</b>	12/08/2008		
<b>Field Staff:</b>	LA/CK				
<b>Wpt</b>	10	<b>Lat.</b>	28°36'54.3"	<b>Long.</b>	114°38'50.4
<b>Photo No:</b>	10	<b>Direction:</b>	SE		
<b>Aspect:</b>	E	<b>Slope:</b>	Flat	<b>Topography:</b>	Hilltop
<b>Surface Soil:</b>	Sandy loam	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	Sandstone	<b>% Surface Rock</b>	20	<b>Fragment size:</b>	5-40 cm
<b>Litter cover:</b>	5%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	20%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	Type	Rabbits	Extent	5%	

**Community Description:** M<sup>^</sup>Acacia congesta\^shrub\3r;G+<sup>^</sup>Lepidosperma spP1 Small Head, Rhodanthe spicata, Borya sphaerocephala\^sedge,forb\1c

## Species

<i>Acacia congesta</i>	<i>Dichopogon capillipes</i>	<i>Rhodanthe spicata</i>
<i>Acacia tetragonophylla</i>	<i>Dioscorea hastifolia</i>	<i>Schoenus clandestinus</i>
<i>Acacia ulicina</i>	<i>Drosera macrantha</i>	<i>Sida calyxhymentia</i>
* <i>Arctotheca calendula</i>	* <i>Echium plantagineum</i>	<i>Stylidium adpressum</i>
<i>Austrodanthonia setacea</i>	<i>Gonocarpus nodulosus</i>	<i>Stylidium elongatum</i>
<i>Austrostipa elegantissima</i>	<i>Hibbertia potentilliflora</i>	<i>Thelymitra antennifera</i>
* <i>Avena barbata</i>	<i>Hyalosperma glutinosum</i> subsp. <i>glutinosum</i>	<i>Thysanotus manglesianus</i>
<i>Blennospora drummondii</i>	* <i>Hypochoeris glabra</i>	<i>Trachymene ornata</i>
<i>Borya sphaerocephala</i>	<i>Hypoxis glabella</i>	* <i>Ursinia anthemoides</i>
* <i>Briza maxima</i>	<i>Lawrencella rosea</i>	<i>Velleia cycnopotamica</i>
<i>Caesia micrantha</i>	<i>Laxmannia sessiliflora</i> subsp. <i>sessiliflora</i>	<i>Verticordia chrysantha</i>
<i>Calandrinia polyandra</i>	<i>Lepidosperma</i> spP1 Small Head	* <i>Vulpia myuros</i>
<i>Cheilanthes sieberi</i>	<i>Melaleuca radula</i>	A species of conservation significance
<i>Comesperma integerrimum</i>	* <i>Monoculus monstrosus</i>	
<i>Conostylis stylidioides</i>	<i>Neurachne alopecuroidea</i>	
<i>Crassula colorata</i>	* <i>Pentaschistis airoides</i>	
<i>Cryptandra arbutiflora</i> var. <i>borealis</i>	<i>Podolepis canescens</i>	
<i>Daucus glochidiatus</i>	<i>Podolepis lessonii</i>	
<i>Desmocladus asper</i>		



### Appendix six: Floristic quadrat details

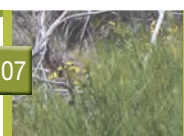
<b>Quadrat/Site:</b>	GRV0811	<b>Date:</b>	13/08/2008		
<b>Field Staff:</b>	LA/CK				
<b>Wpt.</b>	11	<b>Lat.</b>	28°32'37.8"	<b>Long.</b>	114°36'05.2"
<b>Photo No:</b>	11	<b>Direction:</b>	SE		
<b>Aspect:</b>	SW	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sandy loam	<b>Colour:</b>	Brown		
<b>Exposed Rock:</b>	Sandstone	<b>% Surface Rock</b>	<1	<b>Fragment size:</b>	5-10cm
<b>Litter cover:</b>	5%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	50%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	50%		
<b>Disturbance:</b>	Type	Grazing	Extent	100%	
<b>Notes:</b>	Seedling <i>Acacia tetragonophylla</i> present.				

**Community Description:**

U+^Hakea preissii^tree\6\r;M^Acacia tetragonophylla^shrub\4\r;G^Brassica tournefortii, Erodium cygnorum, Echium plantagineum^forb\1\c

**Species**

- |                                   |  |  |
|-----------------------------------|--|--|
| <i>Acacia saligna</i>             | * <i>Echium plantagineum</i>                           | <i>Velleia cynopotamica</i>              |
| <i>Acacia tetragonophylla</i>     | * <i>Ehrharta longiflora</i>                           | * <i>Vulpia myuros</i>                   |
| Asteraceae spB                    | * <i>Erodium botrys</i>                                | <i>Wurmbea dioica</i> subsp. <i>alba</i> |
| <i>Austrostipa scabra</i>         | * <i>Erodium cygnorum</i>                              | * <i>Zaluzianskya divaricata</i>         |
| * <i>Avena barbata</i>            | <i>Hakea preissii</i>                                  |  |
| <i>Blennospora drummondii</i>     | <i>Hyalosperma glutinosum</i> subsp. <i>glutinosum</i> |  |
| <i>Borya sphaerocephala</i>       | * <i>Hypochaeris glabra</i>                            |  |
| <i>Brachyscome perpusilla</i>     | <i>Hypoxis glabella</i>                                |  |
| * <i>Bromus diandrus</i>          | * <i>Lupinus cosentinii</i>                            |  |
| <i>Caesia micrantha</i>           | <i>Neurachne alopecuroidea</i>                         |  |
| <i>Calandrinia brevipedata</i>    | * <i>Petrorhagia dubia</i>                             |  |
| <i>Calandrinia polyandra</i>      | <i>Pimelea microcephala</i> subsp. <i>microcephala</i> |  |
| <i>Calotis hispidula</i>          | <i>Polycarpon tetraphyllum</i>                         |  |
| <i>Clematicissus angustissima</i> | <i>Rhodanthe spicata</i>                               |  |
| <i>Comesperma integerrimum</i>    | <i>Schoenus clandestinus</i>                           |  |
| <i>Crassula colorata</i>          | <i>Thysanotus manglesianus</i>                         |  |
| <i>Cuscuta planiflora</i>         | <i>Trachymene ornata</i>                               |  |
| <i>Daucus glochidiatus</i>        | * <i>Trifolium fragiferum</i>                          |  |
| <i>Dioscorea hastifolia</i>       |  |  |



## Appendix six: Floristic quadrat details

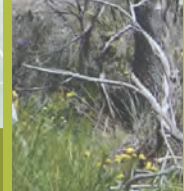
<b>Quadrat/Site</b>	GRV0812	<b>Date</b>	13/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	12	<b>Lat.</b>	28°33'52.3"	<b>Long.</b>	114°34'31.9"
<b>Photo No:</b>	12	<b>Direction:</b>	SE		
<b>Aspect:</b>	SE	<b>Slope:</b>	Steep	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White-grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	15%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	40%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	10%		
<b>Disturbance:</b>	Type	Rabbits	Extent	10%	

**Community Description:**

M+<sup>^</sup>*Acacia rostellifera*\<sup>^</sup>shrub\4r;G<sup>^</sup>*Tetragonia implexicoma*,  
*Acanthocarpus preissii*, *Brassica tournefortii*\<sup>^</sup>shrub,forb\2c

**Species**

*Acacia rostellifera*  
*Acanthocarpus preissii*  
 \**Avena barbata*  
 \**Brassica tournefortii*  
 \**Bromus diandrus*  
*Calandrinia polyandra*  
*Clematis linearifolia*  
*Commicarpus australis*  
 \**Echium plantagineum*  
*Euphorbia boophthona*  
*Euphorbia myrtoides*  
*Euphorbia tannensis* subsp.  
*eremophila*  
 \**Euphorbia terracina*  
*Pimelea microcephala* subsp.  
*microcephala*  
*Poaceae* spG  
*Ptilotus divaricatus*  
 \**Reichardia tingitana*  
*Rhagodia preissii* subsp. *obovata*  
*Stylobasium spathulatum*  
*Tetragonia implexicoma*  
*Threlkeldia diffusa*



### Appendix six: Floristic quadrat details

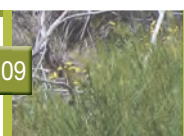
<b>Quadrat/Site</b>	GRV0813	<b>Date</b>	13/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	13	<b>Lat.</b>	28°33'41.0"	<b>Long.</b>	114°34'47.3"
<b>Photo No:</b>	13	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sandy loam	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	30	<b>Fragment size:</b>	10-40 cm
<b>Litter cover:</b>	20%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	35%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	35%		
<b>Disturbance:</b>	<i>Type</i>	Grazing	<i>Extent</i>	100%	

**Notes:** Quadrat dominated by *Pittosporum ligustrifolium* but not characteristic of the area. Area dominated by *Diplolaena grandiflora* and *Melaleuca cardiophylla*.

**Community Description:** M+^ *Diplolaena grandiflora*^shrub\4i;G^*Avena barbata*, *Brassica tournefortii*, *Hordeum leporinum*^other grass,forb\1c

#### Species

<i>Anagallis arvensis</i>	* <i>Medicago polymorpha</i>
<i>Aphanopetalum clematideum</i>	<i>Melaleuca cardiophylla</i>
<i>Austrostipa scabra</i>	<i>Oxalis perennans</i>
* <i>Avena barbata</i>	* <i>Petrorhagia dubia</i>
* <i>Brassica tournefortii</i>	<i>Pimelea gilgiana</i>
<i>Calandrinia brevipedata</i>	<i>Pittosporum ligustrifolium</i>
<i>Clematicissus angustissima</i>	<i>Ptilotus divaricatus</i>
* <i>Cuscuta planiflora</i>	<i>Ptilotus obovatus</i>
<i>Diplolaena grandiflora</i>	* <i>Reichardia tingitana</i>
* <i>Ehrharta longiflora</i>	<i>Rhagodia preissii</i> subsp. <i>obovata</i>
<i>Enchylaena tomentosa</i>	* <i>Sonchus oleraceus</i>
* <i>Erodium cicutarium</i>	<i>Templetonia retusa</i>
* <i>Euphorbia terracina</i>	* <i>Trifolium campestre</i>
<i>Grevillea argyrophylla</i>	* <i>Trifolium subterraneum</i>
* <i>Hordeum leporinum</i>	<i>Zygophyllum fruticulosum</i>
* <i>Hypochaeris glabra</i>	
INDET spC	
* <i>Lamarckia aurea</i>	
* <i>Lycium ferocissimum</i>	

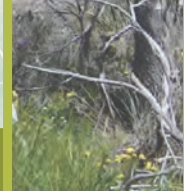


## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0814	<b>Date</b>	13/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	14	<b>Lat.</b>	28°36'25.5"	<b>Long.</b>	114°35'42.7"
<b>Photo No:</b>	14	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Dune (swale)
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	1%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	60%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	0%		
<b>Disturbance:</b>	<i>Type</i>	Vehicle tracks	<i>Extent</i>	5%	

**Community Description:** M<sup>^</sup>Acacia rostellifera, Olearia axillaris<sup>^</sup>shrub\3\;G+<sup>^</sup>Ficinia nodosa<sup>^</sup>sedge\2\c

**Species***Acacia rostellifera**Cassutha flava**Ficinia nodosa**Olearia axillaris*



### Appendix six: Floristic quadrat details

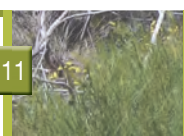
<b>Quadrat/Site</b>	GRV0815	<b>Date</b>	13/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	15	<b>Lat.</b>	28°38'18.1"	<b>Long.</b>	114°36'37.5"
<b>Photo No:</b>	15	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Watercourse
<b>Surface Soil:</b>	Sandy loam	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	40%	<b>Litter depth:</b>	4 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Degraded	<b>Weed cover:</b>	50%		
<b>Disturbance:</b>	<i>Type</i>	Human	<i>Extent</i>	100%	
<b>Notes:</b>	GPS accuracy approximately 10 m EPE. On deposits in curve of river.				

**Community Description:**

*U+^Eucalyptus camaldulensis, Casuarina obesa^tree\6c;M^Lycium ferocissimum^shrub\4r;G^Threlkeldia diffusa, Enchylaena tomentosa, Avena barbata^chenopod shrub,other grass\1c*

**Species**

- Acacia rostellifera*
- \**Arctotheca calendula*
- \**Avena barbata*
- \**Bromus diandrus*
- Casuarina obesa*
- \**Cynodon dactylon*
- \**Echium plantagineum*
- \**Ehrharta calycina*
- Eucalyptus camaldulensis* var. *obtusa*
- \**Euphorbia terracina*
- \**Hordeum leporinum*
- \**Lolium rigidum*
- \**Lycium ferocissimum*
- \**Raphanus raphanistrum*
- \**Reichardia tingitana*
- Rhagodia latifolia* subsp. *recta*
- \**Sonchus oleraceus*
- Threlkeldia diffusa*
- \**Urospermum picroides*
- \**Vulpia myuros*



## Appendix six: Floristic quadrat details

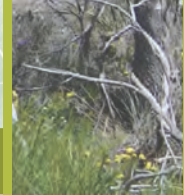
<b>Quadrat/Site</b>	GRV0816	<b>Date</b>	13/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	16	<b>Lat.</b>	28°39'43.4"	<b>Long.</b>	114°36'42.1"
<b>Photo No:</b>	16	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	15%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	40%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	<i>Type</i>	Drought	<i>Extent</i>	100%	
<b>Notes:</b>	Evidence of drought – dead shrubs				

**Community Description:** M+<sup>^</sup>Scaevola crassifolia, Acacia rostellifera<sup>^</sup>\shrub\3\i;G<sup>^</sup>Spinifex longifolius<sup>^</sup>\tussock grass\2\r

**Species**

*Acacia rostellifera*  
*Acanthocarpus preissii*  
 \**Brassica tournefortii*  
 \**Bromus diandrus*  
*Calandrinia polyandra*  
*Carpobrotus virescens*  
*Crassula colorata*  
*Euphorbia tannensis* subsp.  
*eremophila*  
 INDET sp D  
 \**Lolium rigidum*  
 \**Lycium ferocissimum*  
*Olearia axillaris*  
*Rhagodia preissii* subsp. *obovata*  
*Scaevola crassifolia*  
 \**Sonchus oleraceus*  
*Spinifex longifolius*  
*Threlkeldia diffusa*  
*Zygophyllum fruticosum*





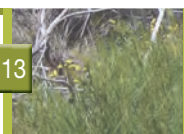
## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0817	<b>Date</b>	13/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	17	<b>Lat.</b>	28°39'40.4"	<b>Long.</b>	114°36'51.3"
<b>Photo No:</b>	17	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	flat	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	0%	<b>Litter depth:</b>	n/a	<b>Bare ground:</b>	40%
<b>Condition (Keighery)</b>	Degraded	<b>Weed cover:</b>	60%		
<b>Disturbance:</b>	<i>Type</i>	Drought	<i>Extent</i>	100%	
	<i>Type</i>	Rabbits	<i>Extent</i>	100%	
<b>Notes:</b>	Degraded area probably formerly grazed. Some <i>Acacia</i> regeneration.				

**Community Description:** M+<sup>^</sup>*Acacia rostellifera*\<sup>^</sup>shrub\3\r;G<sup>^</sup>*Brassica tournefortii*\<sup>^</sup>forb\2\c

### Species

*Acacia rostellifera*  
 \**Anagallis arvensis*  
 \**Brassica tournefortii*  
*Calandrinia polyandra*  
 \**Echium plantagineum*  
 \**Euphorbia peplus*\*  
*Nicotiana occidentalis* subsp. *hesperis*  
 \**Sonchus oleraceus*



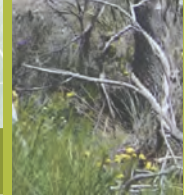
## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0818	<b>Date</b>	13/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	18	<b>Lat.</b>	28°39'38.3"	<b>Long.</b>	114°36'54.2"
<b>Photo No:</b>	18	<b>Direction:</b>	SE		
<b>Aspect</b>	SW	<b>Slope:</b>	Gentle	<b>Topography:</b>	Valley
<b>Surface Soil:</b>	Peaty clayey loam	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	<1%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	95%
<b>Condition (Keighery)</b>	Degraded	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	<i>Type</i>	Clearing/grazing	<i>Extent</i>	100%	
<b>Notes:</b>	Degraded condition because of clearing/disturbance around quadrat and low density of plants. Seedling <i>Frankenias</i> .				
<b>Community Description:</b>	G+ <i>Frankenia pauciflora</i> \shrub\1\				

**Species***Frankenia pauciflora*

INDET spB

\**Medicago polymorpha*\**Mesembryanthemum nodiflorum**Poaceae* spC*Zygophyllum fruticosum*

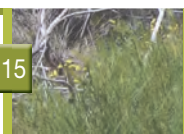


### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0819	<b>Date</b>	14/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	19	<b>Lat.</b>	28°36'53.3"	<b>Long.</b>	114°36'11.5"
<b>Photo No:</b>	19	<b>Direction:</b>	SE		
<b>Aspect</b>	E	<b>Slope:</b>	Gentle	<b>Topography:</b>	Hilltop/dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	5%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	65%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	<i>Type</i>	Grazing	<i>Extent</i>	100%	
<b>Notes:</b>	On top of scarp – vegetation the same on western slope, grazed by cattle. Seedlings ( <i>Acacia</i> etc) found.				
<b>Community Description:</b>	M+ <sup>^</sup> <i>Acacia xanthina</i> \ <sup>^</sup> shrub\4\;G <sup>^</sup> <i>Scaevola crassifolia</i> , <i>Melaleuca depressa</i> , <i>Stylobasium spathulatum</i> \ <sup>^</sup> shrub\2\i				

#### Species

<i>Acacia rostellifera</i>	<i>Scaevola crassifolia</i>
<i>Acacia xanthina</i>	* <i>Sonchus oleraceus</i>
<i>Acanthocarpus preissii</i>	<i>Stylobasium spathulatum</i>
* <i>Avena barbata</i>	<i>Threlkeldia diffusa</i>
* <i>Brassica tournefortii</i>	<i>Zygophyllum fruticosum</i>
<i>Calandrinia polyandra</i>	
<i>Chamelaucium uncinatum</i>	
<i>Enchylaena tomentosa</i>	
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	
* <i>Euphorbia terracina</i>	
<i>Lechenaultia linarioides</i>	
<i>Lomandra</i> sp	
<i>Melaleuca depressa</i>	
<i>Opercularia spermacocea</i>	
<i>Poaceae</i> spG	
<i>Ptilotus divaricatus</i>	
* <i>Raphanus raphanistrum</i>	
* <i>Reichardia tingitana</i>	
<i>Rhagodia preissii</i> subsp. <i>obovata</i>	



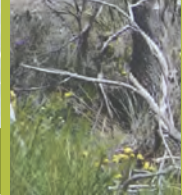
## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0820	<b>Date</b>	14/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	20	<b>Lat.</b>	28°36'00.5"	<b>Long.</b>	114°35'54.5"
<b>Photo No:</b>	20	<b>Direction:</b>	SE		
<b>Aspect</b>	W-SW	<b>Slope:</b>	Gentle	<b>Topography:</b>	Ridge/dune
<b>Surface Soil:</b>	Sandy loam	<b>Colour:</b>	Orange-brown		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	2	<b>Fragment size:</b>	10-40 cm
<b>Litter cover:</b>	95%	<b>Litter depth:</b>	4 cm	<b>Bare ground:</b>	5%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	<1%		
<b>Disturbance:</b>	<i>Type</i>	Rabbits	<i>Extent</i>	100%	
<b>Notes:</b>	<i>Acacia xanthina/Melaleuca cardiophylla</i> (2m high) (30% cover).				

**Community Description:** M+<sup>^</sup>*Acacia xanthina*<sup>^</sup>shrub\4\c

**Species**

*Acacia xanthina*  
 \**Anagallis arvensis*  
*Austrostipa elegantissima*  
*Austrostipa tenuifolia*  
 \**Brassica tournefortii*  
*Calandrinia brevipedata*  
*Clematicissus angustissima*  
*Dioscorea hastifolia*  
*Eriochilus dilatatus* subsp. *dilatatus*  
 \**Euphorbia terracina*  
*Grevillea argyrophylla*  
 \**Hypochoeris glabra*  
*Melaleuca cardiophylla*  
*Ptilotus divaricatus*  
*Ptilotus obovatus*  
*Scaevola tomentosa*  
*Zygophyllum fruticosum*



### Appendix six: Floristic quadrat details

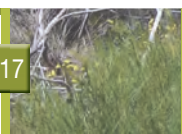
<b>Quadrat/Site</b>	GRV0821	<b>Date</b>	14/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	21	<b>Lat.</b>	28°34'36.5"	<b>Long.</b>	114°35'27.2"
<b>Photo No:</b>	21	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Ridge/dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Orange		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	5	<b>Fragment size:</b>	10-50 cm
<b>Litter cover:</b>	25%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	25%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	10%		
<b>Disturbance:</b>	<i>Type</i>	Grazing	<i>Extent</i>	40%	
<b>Notes:</b>	Includes earlier quadrat/transect 'Bend 15' from either Muir or Mattiske survey.				

**Community Description:**

M+<sup>^</sup>Melaleuca cardiophylla, Grevillea argyrophylla<sup>\shrub\4\</sup>  
c;G<sup>^</sup>Calandrinia polyandra, Brassica tournefortii, Acanthocarpus  
preissii<sup>\^forb\1\i</sup>

**Species**

- |                                   |  |
|-----------------------------------|--|
| <i>Acanthocarpus preissii</i>     | <i>Ptilotus declinatus</i>                     |
| * <i>Anagallis arvensis</i>       | * <i>Reichardia tingitana</i>                  |
| <i>Aphanopetalum clematideum</i>  | <i>Rhagodia preissii</i> subsp. <i>obovata</i> |
| <i>Austrostipa elegantissima</i>  | <i>Scaevola tomentosa</i>                      |
| <i>Austrostipa tenuifolia</i>     | <i>Schoenia cassiniana</i>                     |
| * <i>Avena barbata</i>            | <i>Waitzia acuminata</i>                       |
| * <i>Brassica tournefortii</i>    | <i>Zygophyllum fruticosum</i>                  |
| <i>Calandrinia corrigioloides</i> |  |
| <i>Calandrinia polyandra</i>      |  |
| <i>Crassula colorata</i>          |  |
| <i>Dioscorea hastifolia</i>       |  |
| * <i>Ehrharta longiflora</i>      |  |
| * <i>Erodium cicutarium</i>       |  |
| <i>Grevillea argyrophylla</i>     |  |
| <i>Lawrencella rosea</i>          |  |
| <i>Melaleuca cardiophylla</i>     |  |
| * <i>Misopates orontium</i>       |  |
| * <i>Petrorhagia dubia</i>        |  |
| <i>Polycarpon tetraphyllum</i>    |  |



## Appendix six: Floristic quadrat details

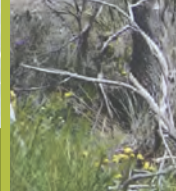
<b>Quadrat/Site</b>	GRV0822	<b>Date</b>	14/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	22	<b>Lat.</b>	28°34'37.0"	<b>Long.</b>	114°35'37.6"
<b>Photo No:</b>	22	<b>Direction:</b>	SE		
<b>Aspect</b>	SE	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	30%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	20%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	20%		
	Type	Rabbits	Extent	100%	
<b>Disturbance:</b>	Type	Grazed	Extent	100%	
	Type	Drought	Extent	100%	
<b>Notes:</b>	Many dead <i>Banksia/Acacia</i> , understorey patchy.				

**Community Description:**

U+^*Banksia prionotes*^tree\6\r;M^*Banksia sessilis*^shrub\4\r;G^*Desmocladius asper*, A species of conservation significance, *Ehrharta longiflora*^rush,shrub,other grass\1\c

**Species**

<i>Acacia xanthina</i>	<i>Dioscorea hastifolia</i>
<i>Acanthocarpus preissii</i>	* <i>Ehrharta longiflora</i>
* <i>Anagallis arvensis</i>	* <i>Hypochaeris glabra</i>
<i>Austrostipa elegantissima</i>	<i>Mesomelaena pseudostygia</i>
<i>Banksia prionotes</i>	* <i>Petrorhagia dubia</i>
<i>Banksia sessilis</i> var. <i>flabellifolia</i>	<i>Poaceae</i> spB
* <i>Brassica tournefortii</i>	<i>Ptilotus polystachyus</i>
* <i>Briza maxima</i>	<i>Rhagodia latifolia</i> subsp. <i>recta</i>
<i>Caesia micrantha</i>	<i>Solanum ellipticum</i>
<i>Caladenia flava</i> subsp. <i>maculata</i>	<i>Sowerbaea laxiflora</i>
<i>Caladenia longicaudata</i> subsp. <i>borealis</i>	<i>Trachymene ornata</i>
<i>Calandrinia corrigioloides</i>	* <i>Ursinia anthemoides</i>
<i>Clematicissus angustissima</i>	A species of conservation significance
<i>Conostylis prolifera</i>	
<i>Convolvulus remotus</i>	
<i>Desmocladius asper</i>	
<i>Dianella revoluta</i>	



### Appendix six: Floristic quadrat details

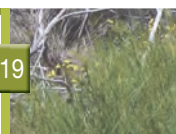
<b>Quadrat/Site</b>	GRV0823	<b>Date</b>	14/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	23	<b>Lat.</b>	28°34'39.0"	<b>Long.</b>	114°36'51.0"
<b>Photo No:</b>	23	<b>Direction:</b>	SE		
<b>Aspect</b>	N	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sandy clay	<b>Colour:</b>	Orange/ yellow		
<b>Exposed Rock:</b>	Ironstone?	<b>% Surface Rock:</b>	2	<b>Fragment size:</b>	10-30 cm
<b>Litter cover:</b>	2%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	25%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	70%		
<b>Disturbance:</b>	Type	Grazing	Extent	100%	

**Community Description:**

U+^Acacia acuminata\^tree\6\;M^Acacia tetragonophylla, Pimelea microcephala subsp. microcephala\^shrub\4\;G^Arctotheca calendula, Calandrinia brevipedata, Rhodanthe spicata\^forb\1\c

#### Species

<i>Acacia acuminata</i>	<i>Hypoxis glabella</i>
<i>Acacia tetragonophylla</i>	<i>Lomandra nigricans</i>
<i>Aphanopetalum clematideum</i>	* <i>Lupinus cosentinii</i>
* <i>Arctotheca calendula</i>	* <i>Pentaschistis airoides</i>
<i>Aristida holathera</i> var. <i>holathera</i>	<i>Pimelea microcephala</i> subsp. <i>microcephala</i>
<i>Austrostipa elegantissima</i>	<i>Podolepis lessonii</i>
<i>Austrostipa scabra</i>	<i>Polycarpon tetraphyllum</i>
* <i>Avena barbata</i>	<i>Rhodanthe spicata</i>
<i>Banksia fraseri</i> var. <i>ashbyi</i>	<i>Schoenus clandestinus</i>
* <i>Brassica tournefortii</i>	* <i>Silene gallica</i>
<i>Caesia micrantha</i>	<i>Velleia cycnopotamica</i>
<i>Calandrinia brevipedata</i>	* <i>Vulpia myuros</i>
<i>Clematicissus angustissima</i>	
<i>Crassula colorata</i>	
<i>Cuscuta planiflora</i>	
* <i>Ehrharta longiflora</i>	
<i>Erodium cygnorum</i>	
* <i>Euphorbia terracina</i>	
<i>Hakea preissii</i>	



### Appendix six: Floristic quadrat details

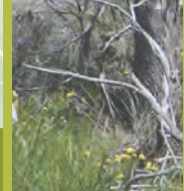
<b>Quadrat/Site</b>	GRV0824	<b>Date</b>	14/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	24	<b>Lat.</b>	28°34'39.7"	<b>Long.</b>	114°37'23.1"
<b>Photo No:</b>	24	<b>Direction:</b>			
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Watercourse
<b>Surface Soil:</b>	Clay loam	<b>Colour:</b>	Red-brown		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	5%	<b>Litter depth:</b>	10 cm	<b>Bare ground:</b>	55%
<b>Condition (Keighery)</b>	Degraded	<b>Weed cover:</b>	40%		
<b>Disturbance:</b>	<i>Type</i>	Grazing	<i>Extent</i>	100%	
<b>Notes:</b>	Litter deposited in flood events				

**Community Description:** U+^Melaleuca raphiophylla\^tree\6\i;G^Arctotheca calendula, Lolium rigidum, Echium plantagineum\^forb,other grass\2\c

#### Species

<i>Acacia tetragonophylla</i>	<i>Pimelea microcephala</i> subsp. <i>microcephala</i>
* <i>Arctotheca calendula</i>	<i>Polycarpon tetraphyllum</i>
* <i>Avena barbata</i>	* <i>Raphanus raphanistrum</i>
* <i>Brassica tournefortii</i>	<i>Rhodanthe spicata</i>
* <i>Bromus diandrus</i>	* <i>Sonchus oleraceus</i>
<i>Cassutha flava</i>	<i>Spergularia marina</i>
* <i>Chenopodium murale</i>	* <i>Vulpia myuros</i>
<i>Cyperus gymnocaulos</i>	
* <i>Echium plantagineum</i>	
* <i>Emex australis</i>	
* <i>Euphorbia terracina</i>	
* <i>Fumaria capreolata</i>	
<i>Hakea preissii</i>	
* <i>Hordeum leporinum</i>	
* <i>Lolium rigidum</i>	
* <i>Lupinus angustifolia</i>	
* <i>Malva parviflora</i>	
<i>Melaleuca raphiophylla</i>	
* <i>Petrorhagia dubia</i>	





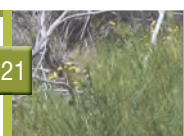
### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0825	<b>Date</b>	14/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	25	<b>Lat.</b>	28°35'14.4"	<b>Long.</b>	114°37'52.1"
<b>Photo No:</b>	25	<b>Direction:</b>	SE		
<b>Aspect</b>	NW	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sandy clay	<b>Colour:</b>	Light orange		
<b>Exposed Rock:</b>	Weathered granite	<b>% Surface Rock:</b>	10	<b>Fragment size:</b>	10 cm
<b>Litter cover:</b>	5%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	10%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	2%		
<b>Disturbance:</b>	Type	Rabbits	Extent	10%	

**Community Description:** M^A species of conservation significance, *Calothamnus homalophyllus*, *Calytrix depressa*, *Astroloma serratifolium*, *Melaleuca radula*

#### Species

<i>Acacia ericifolia</i>	<i>Cassyltha flava</i>	<i>Microtis media</i>
<i>Acacia oxyclada</i>	<i>Chamaescilla corymbosa</i>	<i>Neurachne alopecuroidea</i>
<i>Acacia tetragonophylla</i>	<i>Clematicissus angustissima</i>	* <i>Pentaschistis airoides</i>
* <i>Aira cupaniana</i>	<i>Conostylis prolifera</i>	<i>Persoonia hexagona</i>
<i>Allocauarina campestris</i>	<i>Daucus glochidiatus</i>	<i>Petrophile seminuda</i>
* <i>Anagallis arvensis</i>	<i>Desmocladus asper</i>	POACEAC spD
Asteraceae spB	<i>Dianella revoluta</i>	Poaceae spE
<i>Astroloma serratifolium</i>	<i>Dichopogon capillipes</i>	<i>Rhodanthe spicata</i>
<i>Austrostipa elegantissima</i>	<i>Drosera glanduligera</i>	<i>Schoenus nanus</i>
* <i>Avena barbata</i>	<i>Drosera neesii</i> subsp. <i>borealis</i>	<i>Schoenus</i> spG Broad Sheath
<i>Blennospora drummondii</i>	<i>Eriochilus dilatatus</i> subsp. <i>undulatus</i>	* <i>Sonchus oleraceus</i>
<i>Borya sphaerocephala</i>	<i>Erodium cygnorum</i>	<i>Stylidium adpressum</i>
* <i>Briza maxima</i>	<i>Gonocarpus nodulosus</i>	<i>Thysanotus manglesianus</i>
<i>Burchardia congesta</i>	<i>Grevillea pinaster</i>	* <i>Ursinia anthemoides</i>
<i>Caesia micrantha</i>	* <i>Hypochaeris glabra</i>	<i>Verticordia picta</i>
<i>Caladenia</i> spA	<i>Lawrencella rosea</i>	<i>Waitzia acuminata</i>
<i>Calandrinia granulifera</i>	<i>Laxmannia sessiliflora</i> subsp. <i>sessiliflora</i>	<i>Wurmbea dioica</i> subsp. <i>aba</i>
<i>Calothamnus homalophyllus</i>	<i>Lepidosperma tenue</i>	A species of conservation significance
<i>Calytrix depressa</i>	<i>Melaleuca radula</i>	



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0826	<b>Date</b>	15/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	26	<b>Lat.</b>	28°49'36.8"	<b>Long.</b>	114°37'38.7"
<b>Photo No:</b>	26	<b>Direction:</b>	SE		
<b>Aspect</b>	W and E	<b>Slope:</b>	Steep	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	25%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	30%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	40%		
<b>Disturbance:</b>	<i>Type</i>	Weeds	<i>Extent</i>	40%	
<b>Notes:</b>	Dune crest. Seedling <i>Atriplex</i> .				

**Community Description:**

M<sup>^</sup>*Atriplex isatidea* ^chenopod shrub\3\i;G+<sup>^</sup>*Tetragonia decumbens*,  
*Spinifex longifolius* ^shrub,tussock grass\1\c

**Species**

*Atriplex isatidea*

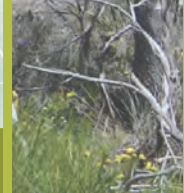
\**Ehrharta brevifolia* var. *cuspidate*

*Salsola tragus*

*Spinifex longifolius*

*Tetragonia decumbens*

*Threlkeldia diffusa*



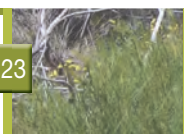
### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0827	<b>Date</b>	15/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	27	<b>Lat.</b>	28°49'47.5"	<b>Long.</b>	114°38'26.0"
<b>Photo No:</b>	27	<b>Direction:</b>	SE		
<b>Aspect</b>	SW	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Loamy sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	5	<b>Fragment size:</b>	10-30 cm
<b>Litter cover:</b>	50%	<b>Litter depth:</b>	1-3 cm	<b>Bare ground:</b>	25%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	10%		
<b>Disturbance:</b>	Type	n/a	Extent		

**Community Description:** U<sup>^</sup>Eucalyptus oraria<sup>\^</sup>mallee shrub\6\i;M+<sup>^</sup>Melaleuca cardiophylla, Melaleuca huegelii<sup>\^</sup>shrub\4\c;G<sup>^</sup>Zygophyllum fruticosum<sup>\^</sup>shrub\1\r

#### Species

- |  |  |
|--|--|
| <i>Acacia rostellifera</i>                             | <i>Zygophyllum fruticosum</i>          |
| <i>Alyogyne hakeifolia</i>                             | A species of conservation significance |
| <i>Austrostipa elegantissima</i>                       |  |
| * <i>Avena barbata</i>                                 |  |
| <i>Eriochilus dilatatus</i> subsp. <i>dilatatus</i>    |  |
| * <i>Erodium cicutarium</i>                            |  |
| <i>Eucalyptus oraria</i>                               |  |
| * <i>Euphorbia peplus</i>                              |  |
| * <i>Galium murale</i>                                 |  |
| <i>Grevillea argyrophylla</i>                          |  |
| <i>Hydrocotyle pilifera</i> var. <i>glabrata</i>       |  |
| <i>Lasiopetalum angustifolium</i>                      |  |
| * <i>Lolium rigidum</i>                                |  |
| <i>Melaleuca cardiophylla</i>                          |  |
| <i>Melaleuca huegelii</i>                              |  |
| <i>Oxalis perennans</i>                                |  |
| <i>Parietaria debilis</i>                              |  |
| <i>Pimelea microcephala</i> subsp. <i>microcephala</i> |  |
| Poaceae spE  |  |



## Appendix six: Floristic quadrat details

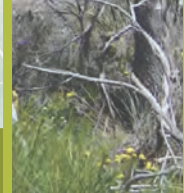
<b>Quadrat/Site</b>	GRV0828	<b>Date</b>	15/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	28	<b>Lat.</b>	28°49'41.9"	<b>Long.</b>	114°37'51.3"
<b>Photo No:</b>	28	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	60%	<b>Litter depth:</b>	1-5 cm	<b>Bare ground:</b>	0%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	80%		
<b>Disturbance:</b>	<i>Type</i>	Rabbits	<i>Extent</i>	100%	
<b>Notes:</b>	Anecdotally, this area may have has the soil surface modified.				

**Community Description:**

U+<sup>^</sup>*Eucalyptus oraria* tree mallee; G<sup>^</sup>*Euphorbia peplus*, *Ehrharta brevifolia* var. *cuspidata*, *Sonchus oleraceus*

**Species***Acacia rostellifera**Acacia saligna**Alyxia buxifolia*\**Avena barbata*\**Brassica tournefortii*\**Bromus diandrus**Cassutha flava**Clematis linearifolia*\**Ehrharta brevifolia* var. *cuspidate**Eucalyptus oraria*\**Euphorbia peplus*\**Euphorbia terracina**Pittosporum ligustrifolium**Ptilotus divaricatus*\**Reichardia tingitana*\**Sonchus oleraceus*\**Urospermum picroides**Zygophyllum fruticosum*

A species of conservation significance



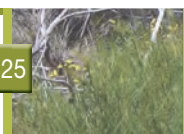
### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0829	<b>Date</b>	15/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	29	<b>Lat.</b>	28°49'05.3"	<b>Long.</b>	114°37'48.3"
<b>Photo No:</b>	29	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Steep	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Loamy sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	20	<b>Fragment size:</b>	10-30 cm
<b>Litter cover:</b>	10%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	5%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	30%		
<b>Disturbance:</b>	<i>Type</i>	Tracks	<i>Extent</i>	5%	
<b>Notes:</b>	Animal tracks – rabbits/dogs				

**Community Description:** M+<sup>^</sup>*Melaleuca cardiophylla*\<sup>^</sup>shrub\4i;G<sup>^</sup>*Zygophyllum fruticosum*\<sup>^</sup>shrub\1\c

#### Species

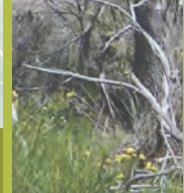
\**Anagallis arvensis* *Rhagodia preissii* subsp. *obovata*  
 \**Avena barbata* \**Vulpia myuros*  
 \**Brassica tournefortii* *Zygophyllum fruticosum*  
 \**Desmazeria rigida*  
*Diplolaena grandiflora*  
*Enchylaena tomentosa*  
 \**Euphorbia peplus*  
 \**Euphorbia terracina*  
 \**Hordeum leporinum*  
 \**Medicago truncatula*  
*Melaleuca cardiophylla*  
*Oxalis perennans*  
*Parietaria debilis*  
*Phyllanthus scaber*  
*Pittosporum ligustrifolium*  
*Poaceae* spE  
*Poaceae* spF  
*Ptilotus divaricatus*  
*Rhagodia latifolia* subsp. *recta*



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0830	<b>Date</b>	15/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	30	<b>Lat.</b>	28°48'13.2"	<b>Long.</b>	114°38'19.0"
<b>Photo No:</b>	30	<b>Direction:</b>	SE		
<b>Aspect</b>	SE	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	1%	<b>Fragment size:</b>	10-30 cm
<b>Litter cover:</b>	90%	<b>Litter depth:</b>	2 cm	<b>Bare ground:</b>	10%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	20%		
<b>Disturbance:</b>	<i>Type</i>	unknow	<i>Extent</i>		
<b>Community Description:</b>	<i>M+^Acacia rostellifera\^shrub\4\d;G^Poaceae spE\^other grass\1\r</i>				

**Species***Acacia rostellifera**Austrostipa elegantissima**\*Brassica tournefortii**\*Euphorbia peplus**\*Euphorbia terracina**Muehlenbeckia adpressa**Poaceae spE**\*Reichardia tingitana**Rhagodia preissii* subsp. *obovata*



### Appendix six: Floristic quadrat details

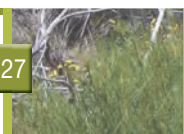
<b>Quadrat/Site</b>	GRV0831	<b>Date</b>	15/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	31	<b>Lat.</b>	28°48'10.8"	<b>Long.</b>	114°38'17.9"
<b>Photo No:</b>	31	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Hilltop
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	40%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	5%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	10%		
<b>Disturbance:</b>	Type	n/a	Extent		

**Community Description:**

M+^Acacia rostellifera, Pimelea microcephala subsp. microcephala\^shrub\4r;G^Austrostipa elegantissima, Rhagodia preissii subsp. obovata\^tussock grass,chenopod shrub\3\c

#### Species

*Acacia rostellifera*  
 \**Anagallis arvensis*  
 \**Arctotheca calendula*  
*Austrostipa elegantissima*  
 \**Avena barbata*  
*Clematis linearifolia*  
 \**Ehrharta longiflora*  
 \**Euphorbia peplus*  
 \**Lycium ferocissimum*  
*Phyllanthus scaber*  
*Pimelea microcephala* subsp. microcephala  
 \**Raphanus raphanistrum*  
 \**Reichardia tingitana*  
*Rhagodia preissii* subsp. obovata  
*Scaevola tomentosa*  
 \**Sonchus oleraceus*  
 \**Urospermum picroides*



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0832	<b>Date</b>	15/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	32	<b>Lat.</b>	28°48'10.5"	<b>Long.</b>	114°38'41.3"
<b>Photo No:</b>	32	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Hilltop
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	45%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	25%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	10%		
<b>Disturbance:</b>	Type	Rabbits	Extent	100%	
	Type	Cattle	Extent	100%	

**Community Description:**

M+^Acacia saligna, Acacia rostellifera, Stylobasium spathulatum\^shrub\4i;G^Ehrharta calycina\^other grass\1r

**Species**

*Acacia rostellifera*

*Acacia saligna*

\**Arctotheca calendula*

\**Brassica tournefortii*

*Calandrinia brevipedata*

*Cassutha flava*

*Clematis linearifolia*

\**Ehrharta calycina*

\**Hypochaeris glabra*

\**Lupinus cosentinii*

*Muehlenbeckia adpressa*

*Pimelea microcephala* subsp.  
*microcephala*

*Polycarpon tetraphyllum*

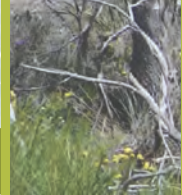
\**Raphanus raphanistrum*

*Rhagodia preissii* subsp. *obovata*

\**Sonchus oleraceus*

*Stylobasium spathulatum*





### Appendix six: Floristic quadrat details

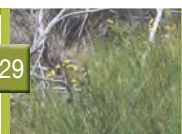
<b>Quadrat/Site</b>	GRV0833	<b>Date</b>	16/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	33	<b>Lat.</b>	28°42'17.5"	<b>Long.</b>	114°37'53.0"
<b>Photo No:</b>	33	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow-grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	25%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	25%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	20%		
<b>Disturbance:</b>	Type	Rabbits	Extent	100%	

**Community Description:**

U+^*Banksia prionotes*^tree\6r;M^*Melaleuca depressa*, *Acacia rostellifera*^shrub\4i;G^*Conostylis prolifera*, *Ehrharta calycina*, *Desmocladius asper*^forb, other grass,rush\1i

**Species**

- |   |                                 |
|---|---------------------------------|
| <i>Acacia rostellifera</i>                    | <i>Mesomelaena pseudostygia</i> |
| <i>Acanthocarpus preissii</i>                 | * <i>Monoculus monstrosus</i>   |
| <i>Banksia attenuata</i>                      | <i>Muehlenbeckia adpressa</i>   |
| <i>Banksia prionotes</i>                      | * <i>Reichardia tingitana</i>   |
| <i>Caladenia flava</i> subsp. <i>maculata</i> | <i>Thryptomene racemulosa</i>   |
| <i>Calandrinia brevipedata</i>                | <i>Trachymene ornata</i>        |
| <i>Calandrinia polyandra</i>                  | * <i>Ursinia anthemoides</i>    |
| <i>Conostylis prolifera</i>                   | * <i>Vulpia myuros</i>          |
| <i>Crassula colorata</i>                      |                                 |
| <i>Desmocladius asper</i>                     |                                 |
| <i>Dianella revoluta</i>                      |                                 |
| * <i>Ehrharta calycina</i>                    |                                 |
| * <i>Ehrharta longiflora</i>                  |                                 |
| <i>Enchylaena tomentosa</i>                   |                                 |
| <i>Gonocarpus nodulosus</i>                   |                                 |
| <i>Hibbertia crassifolia</i>                  |                                 |
| * <i>Hypochaeris glabra</i>                   |                                 |
| <i>Lepidobolus preissianus</i>                |                                 |
| <i>Melaleuca depressa</i>                     |                                 |



## Appendix six: Floristic quadrat details

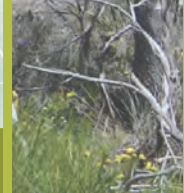
<b>Quadrat/Site</b>	GRV0834	<b>Date</b>	16/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	34	<b>Lat.</b>	28°41'29.8"	<b>Long.</b>	114°39'00.9"
<b>Photo No:</b>	34	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow-grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	70%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	5%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	15%		
<b>Disturbance:</b>	Type	Rabbits	Extent	100%	
	Type	Drought	Extent	100%	
<b>Notes:</b>	Freshly fallen <i>Banksia</i> branch in quadrat. <i>Acacia</i> seedlings				

**Community Description:**

U+^*Banksia prionotes*^tree\6r;M^*Grevillea candelabroides*, *Acacia saligna*^shrub\4r;G^*Conostylis prolifera*, *Ehrharta calycina*, *Austrostipa elegantissima*^forb,other grass,tussock grass\1r

**Species**

<i>Acacia saligna</i>	<i>Orchidaceae</i> spB
<i>Acanthocarpus preissii</i>	<i>Pimelea microcephala</i> subsp. <i>microcephala</i>
<i>Anthericaceae</i> sp	<i>Trachymene ornata</i>
<i>Aristida holathera</i> var. <i>holathera</i>	* <i>Ursinia anthemoides</i>
<i>Austrostipa elegantissima</i>	* <i>Vulpia myuros</i>
<i>Banksia attenuata</i>	<i>Waitzia acuminata</i>
<i>Banksia prionotes</i>	
<i>Banksia sessilis</i> var. <i>flabellifolia</i>	
<i>Caladenia flava</i> subsp. <i>maculata</i>	
<i>Calandrinia brevipedata</i>	
<i>Conostylis prolifera</i>	
<i>Drosera porrecta</i>	
* <i>Ehrharta calycina</i>	
* <i>Ehrharta longiflora</i>	
<i>Glischrocaryon aureum</i>	
<i>Grevillea candelabroides</i>	
* <i>Hypochaeris glabra</i>	
<i>Lepidobolus preissianus</i>	
<i>Melaleuca depressa</i>	



### Appendix six: Floristic quadrat details

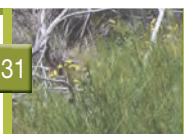
<b>Quadrat/Site</b>	GRV0835	<b>Date</b>	16/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	35	<b>Lat.</b>	28°40'49.9"	<b>Long.</b>	114°38'38.3"
<b>Photo No:</b>	35	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Plain
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow-grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	80%	<b>Litter depth:</b>	1-4 cm	<b>Bare ground:</b>	8%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	1%		
<b>Disturbance:</b>	<i>Type</i>	Drought	<i>Extent</i>	100%	

**Community Description:**

M+<sup>^</sup>*Grevillea candelabroides*, *Acacia rostellifera*<sup>^</sup>shrub\4  
r;G<sup>^</sup>*Conostylis prolifera*<sup>^</sup>forb\1\c

#### Species

<i>Acacia longispinea</i>	<i>Lepidobolus preissianus</i>
<i>Acacia rostellifera</i>	<i>Lepidosperma tenue</i>
<i>Acanthocarpus preissii</i>	<i>Neurachne alopecuroidea</i>
* <i>Arctotheca calendula</i>	<i>Scaevola canescens</i>
<i>Austrostipa elegantissima</i>	* <i>Sonchus oleraceus</i>
<i>Blennospora drummondii</i>	<i>Thryptomene racemulosa</i>
<i>Burchardia congesta</i>	<i>Thysanotus manglesianus</i>
<i>Caladenia flava</i> subsp. <i>maculata</i>	<i>Thysanotus</i> sp
<i>Caladenia longicaudata</i> subsp. <i>borealis</i>	<i>Trachymene ornata</i>
<i>Calandrinia brevipedata</i>	* <i>Ursinia anthemoides</i>
<i>Conospermum stoechadis</i>	
<i>Conostylis prolifera</i>	
<i>Cryptandra myriantha</i>	
<i>Desmocladius asper</i>	
<i>Dianella revoluta</i>	
<i>Grevillea candelabroides</i>	
<i>Hibbertia crassifolia</i>	
* <i>Hypochaeris glabra</i>	
<i>Jacksonia sternbergiana</i>	



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0836	<b>Date</b>	16/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	36	<b>Lat.</b>	28°41'02.9"	<b>Long.</b>	114°38'50.5"
<b>Photo No:</b>	36	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Plain
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow-grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	25%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	50%		
<b>Disturbance:</b>	Type	Rabbits	Extent	100%	
	Type	Drought	Extent	100%	

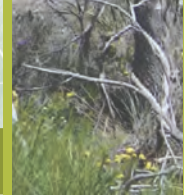
**Notes:** Close to gravel pit, close to *Nuytsia floribunda*. Many dead *Hakea trifurcata*.

**Community Description:**

U+^*Acacia rostellifera*^tree\6r;M^*Banksia attenuata*^shrub\3r;G^*Conostylis prolifera*, *Ehrharta longiflora*^forb, other grass\1c

**Species**

*Acacia rostellifera*  
*Amyema preissii*  
*Austrostipa elegantissima*  
 \**Avena barbata*  
*Banksia attenuata*  
 \**Brassica tournefortii*  
*Caladenia flava* subsp. *maculata*  
*Calandrinia brevipedata*  
*Clematicissus angustissima*  
*Conospermum stoechadis*  
*Conostylis prolifera*  
*Dioscorea hastifolia*  
 \**Ehrharta calycina*  
 \**Ehrharta longiflora*  
*Erodium cygnorum*  
 \**Hypochaeris glabra*  
 INDET spE  
*Lechenaultia linarioides*  
*Thysanotus manglesianus*  
*Trachymene ornata*  
*Tricoryne elatior*  
 \**Ursinia anthemoides*



### Appendix six: Floristic quadrat details

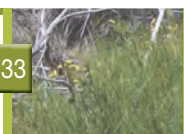
<b>Quadrat/Site</b>	GRV0837	<b>Date</b>	16/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	37	<b>Lat.</b>	28°41'16.2"	<b>Long.</b>	114°38'23.4"
<b>Photo No:</b>	37	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Plain
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow-grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	15%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	10%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	15%		
<b>Disturbance:</b>	Type	Rabbits	Extent	100%	

**Community Description:**

U<sup>^</sup>*Hakea recurva*\<sup>^</sup>tree\6\;M+<sup>^</sup>*Persoonia hexagona*, *Dioscorea hastifolia*, *Acacia rostellifera*\<sup>^</sup>shrub,vine\3\;G<sup>^</sup>*Podotheca gnaphalioides*, *Austrostipa elegantissima*, *Solanum oldfieldii*\<sup>^</sup>forb,tussock grass,shrub\1\c

**Species**

- |  |  |                          |
|--|--|--------------------------|
| <i>Acacia rostellifera</i>                           | <i>Erodium cygnorum</i>                                | <i>Waitzia acuminata</i> |
| <i>Acanthocarpus preissii</i>                        | <i>Glischrocaryon aureum</i>                           |                          |
| * <i>Arctotheca calendula</i>                        | <i>Gonocarpus nodulosus</i>                            |                          |
| <i>Aristida holathera</i> var. <i>holathera</i>      | <i>Hakea recurva</i>                                   |                          |
| <i>Austrostipa elegantissima</i>                     | <i>Hibbertia crassifolia</i>                           |                          |
| * <i>Avena barbata</i>                               | * <i>Hypochaeris glabra</i>                            |                          |
| <i>Brachyscome perpusilla</i>                        | INDET spE  |                          |
| * <i>Brassica tournefortii</i>                       | <i>Jacksonia sternbergiana</i>                         |                          |
| <i>Burchardia congesta</i>                           | * <i>Monoculus monstrosus</i>                          |                          |
| <i>Caesia micrantha</i>                              | * <i>Pentaschistis airoides</i>                        |                          |
| <i>Caladenia longicaudata</i> subsp. <i>borealis</i> | <i>Persoonia hexagona</i>                              |                          |
| <i>Calandrinia corrigioloides</i>                    | <i>Pimelea microcephala</i> subsp. <i>microcephala</i> |                          |
| <i>Calandrinia eremaea</i>                           | <i>Podotheca gnaphalioides</i>                         |                          |
| <i>Conostylis prolifera</i>                          | <i>Solanum oldfieldii</i>                              |                          |
| * <i>Cuscuta planiflora</i>                          | * <i>Sonchus oleraceus</i>                             |                          |
| <i>Desmocladus asper</i>                             | <i>Thysanotus manglesianus</i>                         |                          |
| <i>Dianella revoluta</i>                             | <i>Trachymene cyanopetala</i>                          |                          |
| <i>Dioscorea hastifolia</i>                          | * <i>Ursinia anthemoides</i>                           |                          |
| * <i>Ehrharta longiflora</i>                         | * <i>Vulpia myuros</i>                                 |                          |



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0838	<b>Date</b>	16/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	38	<b>Lat.</b>	28°41'37.7"	<b>Long.</b>	114°37'44.8"
<b>Photo No:</b>	38	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Plain
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow-grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	35%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	35%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	2%		
<b>Disturbance:</b>	Type	Rabbits	Extent	100%	

**Community Description:**

M+<sup>^</sup>*Melaleuca depressa*, *Acacia longispinea*<sup>^</sup>shrub\4\;G<sup>^</sup>*Hibbertia crassifolia*, *Dioscorea hastifolia*<sup>^</sup>shrub,vine\2\i

**Species**

*Acacia longispinea*  
*Acacia rostellifera*  
*Actinobole uliginosum*  
 \**Anagallis arvensis*  
*Austrostipa elegantissima*  
 \**Brassica tournefortii*  
*Caladenia longicaudata* subsp. *borealis*  
*Calandrinia corrigioloides*  
*Calandrinia liniflora*  
*Conostylis prolifera*  
*Crassula colorata*  
*Desmocladus asper*  
*Dioscorea hastifolia*  
 \**Ehrharta longiflora*  
*Hibbertia crassifolia*  
*Hyalosperma demissum*  
 \**Hypochaeris glabra*  
*Isolepis congrua*  
*Lepidobolus preissianus*  
*Lepidosperma* spA2 Island Flat  
*Melaleuca depressa*  
 \**Pentaschistis airoides*  
*Trachymene cyanopetala*  
*Triglochin* sp. A Flora of Australia



### Appendix six: Floristic quadrat details

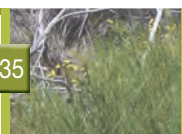
<b>Quadrat/Site</b>	GRV0839	<b>Date</b>	16/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	39	<b>Lat.</b>	28°36'17.1"	<b>Long.</b>	114°38'54.5"
<b>Photo No:</b>	39	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Hilltop
<b>Surface Soil:</b>	Sandy clay	<b>Colour:</b>	Red-brown		
<b>Exposed Rock:</b>	Sandstone / ironstone	<b>% Surface Rock:</b>	5	<b>Fragment size:</b>	5-20 cm
<b>Litter cover:</b>	5%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	30
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	1%		
<b>Disturbance:</b>	Type	±none	Extent		

**Community Description:**

M+<sup>^</sup>*Melaleuca fulgens* subsp. *steadmanii*, *Clematicissus angustissima*, *Dioscorea hastifolia* shrub, vine; <sup>3</sup>i; G<sup>^</sup>*Austrostipa elegantissima*, *Gilberta tenuifolia*, *Stylidium elongatum* tussock grass, forb; 1\i

#### Species

<i>Acacia congesta</i>	<i>Dioscorea hastifolia</i>	<i>Stypandra glauca</i>
<i>Acacia tetragonophylla</i>	<i>Drosera porrecta</i>	<i>Thysanotus manglesianus</i>
* <i>Arctotheca calendula</i>	<i>Drosera macrantha</i>	<i>Trachymene cyanopetala</i>
<i>Aristida holathera</i> var. <i>holathera</i>	<i>Drosera neesii</i> subsp. <i>borealis</i>	<i>Trachymene ornata</i>
<i>Astroloma serratifolium</i>	<i>Erodium cygnorum</i>	<i>Velleia cycnopotamica</i>
<i>Austrostipa elegantissima</i>	<i>Euphorbia boophthona</i>	<i>Waitzia acuminata</i>
* <i>Avena barbata</i>	<i>Gilberta tenuifolia</i>	Two species of conservation significance
<i>Borya sphaerocephala</i>	<i>Hyalosperma demissum</i>	
<i>Caesia micrantha</i>	* <i>Hypochaeris glabra</i>	
<i>Caesia</i> sp. <i>Wongan</i>	INDET spE	
<i>Caladenia footeana</i>	<i>Lawrencella rosea</i>	
<i>Clematicissus angustissima</i>	<i>Melaleuca fulgens</i> subsp. <i>steadmanii</i>	
<i>Comesperma integerrimum</i>	<i>Neurachne alopecuroidea</i>	
<i>Convolvulus remotus</i>	<i>Podolepis lessonii</i>	
<i>Cryptandra arbutiflora</i> var. <i>borealis</i>	<i>Rhodanthe spicata</i>	
<i>Dampiera altissima</i>	<i>Schoenus latitans</i>	
<i>Daucus glochidiatus</i>	<i>Solanum ellipticum</i>	
<i>Desmocladus asper</i>	<i>Sowerbaea laxiflora</i>	
<i>Dichopogon capillipes</i>	<i>Stylidium elongatum</i>	



## Appendix six: Floristic quadrat details

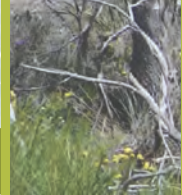
<b>Quadrat/Site</b>	GRV0840	<b>Date</b>	17/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	40	<b>Lat.</b>	28°35'45.8"	<b>Long.</b>	114°30'05.9"
<b>Photo No:</b>	40	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Steep	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand (some clay/loam)	<b>Colour:</b>	Brown		
<b>Exposed Rock:</b>	Sandstone	<b>% Surface Rock:</b>	2%	<b>Fragment size:</b>	10-70 cm
<b>Litter cover:</b>	30%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	0
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	20%		
<b>Disturbance:</b>	Type	Grazed	Extent	100%	
<b>Notes:</b>	Much of the vegetation impenetrable <i>Melaleuca megacephala</i> thicket.				

**Community Description:** M+<sup>^</sup>*Melaleuca megacephala*\<sup>^</sup>shrub\4\c;G<sup>^</sup>*Lepidosperma* spP1 Small Head\<sup>^</sup>sedge\2\r

**Species**

<i>Acacia tetragonophylla</i>	<i>Haemodorum discolor</i>
* <i>Arctotheca calendula</i>	<i>Hibbertia potentilliflora</i>
<i>Astroloma serratifolium</i>	<i>Hypochaeris glabra</i>
<i>Austrostipa elegantissima</i>	<i>Hypoxis glabella</i>
* <i>Avena barbata</i>	<i>Lepidosperma</i> spP1 Small Head
<i>Borya sphaerocephala</i>	<i>Melaleuca megacephala</i>
<i>Caesia micrantha</i>	<i>Neurachne alopecuroidea</i>
<i>Cassutha flava</i>	<i>Persoonia hexagona</i>
<i>Cheilanthes sieberi</i>	<i>Pimelea microcephala</i> subsp. <i>microcephala</i>
<i>Clematicissus angustissima</i>	<i>Scholtzia ciliata</i>
<i>Comesperma integerrimum</i>	<i>Sowerbaea laxiflora</i>
<i>Conostylis prolifera</i>	<i>Stylidium elongatum</i>
<i>Cryptandra arbutiflora</i> var. <i>borealis</i>	<i>Stypandra glauca</i>
<i>Desmocladius asper</i>	* <i>Ursinia anthemoides</i>
<i>Dichopogon capillipes</i>	* <i>Vulpia myuros</i>
<i>Dioscorea hastifolia</i>	<i>Waitzia acuminata</i>
<i>Drosera macrantha</i>	
<i>Grevillea pinaster</i>	
<i>Guichenotia micrantha</i>	





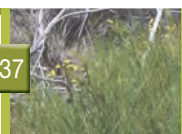
### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0841	<b>Date</b>	17/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	41	<b>Lat.</b>	28°34'09.5"	<b>Long.</b>	114°39'02.9"
<b>Photo No:</b>	41	<b>Direction:</b>	SE		
<b>Aspect</b>	S	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Clayey sand	<b>Colour:</b>	Light brown		
<b>Exposed Rock:</b>	Sandstone	<b>% Surface Rock:</b>	1	<b>Fragment size:</b>	10-20 cm
<b>Litter cover:</b>	10%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	6%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	Type	Rabbits	Extent	100	

**Community Description:** M+^ Acacia congesta, Acacia tetragonophylla\^shrub\4\i;G^Lawrencella rosea, Avena barbata, Gilberta tenuifolia\^forb,other grass\1c

#### Species

<i>Acacia congesta</i>	<i>Gilberta tenuifolia</i>	<i>Thysanotus manglesianus</i>
<i>Acacia tetragonophylla</i>	<i>Gonocarpus nodulosus</i>	<i>Trachymene cyanopetala</i>
<i>Acacia ulicina</i>	<i>Goodenia berardiana</i>	* <i>Ursinia anthemoides</i>
<i>Amphipogon caricinus</i>	<i>Grevillea pinaster</i>	<i>Wahlenbergia preissii</i>
* <i>Anagallis arvensis</i>	<i>Halgania sericiflora</i>	<i>Waitzia acuminata</i>
* <i>Avena barbata</i>	* <i>Hypochoeris glabra</i>	A species of conservation significance
<i>Borya sphaerocephala</i>	<i>Hypoxis glabella</i>	
* <i>Briza maxima</i>	INDET spE	
<i>Burchardia congesta</i>	<i>Lawrencella rosea</i>	
<i>Caesia micrantha</i>	<i>Lepidosperma</i> spP1 Small Head	
<i>Calothamnus homalophyllus</i>	<i>Lomandra micrantha</i>	
<i>Chamaescilla versicolor</i>	Orchidaceae spC	
<i>Cheilanthes sieberi</i>	<i>Pentaschistis airoides</i>	
<i>Clematicissus angustissima</i>	<i>Podolepis lessonii</i>	
<i>Cryptandra arbutiflora</i> var. <i>borealis</i>	<i>Rhodanthe manglesii</i>	
<i>Desmocladus asper</i>	<i>Schoenus latitans</i>	
<i>Dichopogon capillipes</i>	<i>Scholtzia ciliata</i>	
<i>Dioscorea hastifolia</i>	<i>Sowerbaea laxiflora</i>	
<i>Gastrolobium oxylobioides</i>	<i>Stylidium elongatum</i>	



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0842	<b>Date</b>	17/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	42	<b>Lat.</b>	28°34'05.8"	<b>Long.</b>	114°38'38.7"
<b>Photo No:</b>	42	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Hilltop
<b>Surface Soil:</b>	Sandy loam	<b>Colour:</b>	Red-brown		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	25%	<b>Litter depth:</b>	1-3 cm	<b>Bare ground:</b>	45%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	<1%		
<b>Disturbance:</b>	Type	±none	Extent		

**Community Description:**

U+<sup>^</sup>*Eucalyptus loxophleba*^tree\6r;M<sup>^</sup>*Hakea preissii*, *Aphanopetalum clematideum*, *Acacia tetragonophylla*^shrub,vine\4i;G<sup>^</sup>*Rhagodia latifolia* subsp. *recta*^chenopod shrub\2r

**Species**

<i>Acacia tetragonophylla</i>	<i>Pimelea microcephala</i> subsp. <i>microcephala</i>
<i>Acacia ulicina</i>	<i>Pittosporum angustifolium</i>
<i>Aphanopetalum clematideum</i>	<i>Ptilotus exaltatus</i>
<i>Austrostipa elegantissima</i>	<i>Rhagodia latifolia</i> subsp. <i>recta</i>
* <i>Avena barbata</i>	<i>Scaevola spinescens</i>
<i>Calandrinia brevipedata</i>	
<i>Calandrinia polyandra</i>	
<i>Cassytha flava</i>	
<i>Crassula colorata</i>	
<i>Daviesia divaricata</i>	
<i>Dianella revoluta</i>	
* <i>Ehrharta longiflora</i>	
<i>Enchylaena tomentosa</i>	
<i>Eucalyptus loxophleba</i> subsp. <i>loxophleba</i>	
<i>Hakea preissii</i>	
* <i>Hypochaeris glabra</i>	
<i>Lomandra micrantha</i>	
<i>Neurachne alopecuroidea</i>	
<i>Olearia dampieri</i>	



### Appendix six: Floristic quadrat details

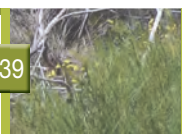
<b>Quadrat/Site</b>	GRV0843	<b>Date</b>	17/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	43	<b>Lat.</b>	28°32'33.9"	<b>Long.</b>	114°34'08.3"
<b>Photo No:</b>	43	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Hilltop
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Orange-grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	5	<b>Fragment size:</b>	10-70 cm
<b>Litter cover:</b>	10%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	50%		
<b>Disturbance:</b>	Type	Grazed	Extent	100%	

**Community Description:**

M+<sup>^</sup>*Melaleuca cardiophylla*, *Rhagodia latifolia* subsp. *recta*, *Aphanopetalum clematideum*<sup>^</sup>shrub, chenopod shrub, vine<sup>3</sup>; G<sup>^</sup>*Emex australis*, *Schismus barbatus*, *Polycarpon tetraphyllum*<sup>^</sup>forb, other grass<sup>1</sup>c

**Species**

- |                                   |   |
|-----------------------------------|---|
| <i>Acanthocarpus preissii</i>     | * <i>Galium murale</i>                        |
| <i>Aphanopetalum clematideum</i>  | * <i>Hypochaeris glabra</i>                   |
| <i>Austrostipa nitida</i>         | * <i>Lycium ferocissimum</i>                  |
| * <i>Avena barbata</i>            | <i>Melaleuca cardiophylla</i>                 |
| * <i>Brassica tournefortii</i>    | * <i>Misopates orontium</i>                   |
| * <i>Bromus diandrus</i>          | * <i>Monoculus monstrosus</i>                 |
| * <i>Bromus rubens</i>            | <i>Oxalis perennans</i>                       |
| <i>Calandrinia brevipedata</i>    | * <i>Petrorhagia dubia</i>                    |
| <i>Calandrinia corrigioloides</i> | <i>Pimelea gilgiana</i>                       |
| <i>Calandrinia polyandra</i>      | <i>Pittosporum ligustrifolium</i>             |
| <i>Clematis linearifolia</i>      | <i>Polycarpon tetraphyllum</i>                |
| <i>Cryptandra myriantha</i>       | <i>Rhagodia latifolia</i> subsp. <i>recta</i> |
| <i>Cuscuta planiflora</i>         | <i>Scaevola tomentosa</i>                     |
| <i>Cynoglossum drummondii</i>     | * <i>Schismus barbatus</i>                    |
| <i>Dampiera altissima</i>         | <i>Solanum oldfieldii</i>                     |
| <i>Daucus glochidiatus</i>        | * <i>Vulpia myuros</i>                        |
| <i>Desmocladius asper</i>         | <i>Zygophyllum fruticosum</i>                 |
| * <i>Echium plantagineum</i>      |   |
| * <i>Emex australis</i>           |   |



## Appendix six: Floristic quadrat details

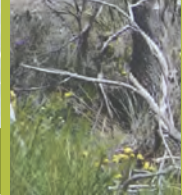
<b>Quadrat/Site</b>	GRV0844	<b>Date</b>	17/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	44	<b>Lat.</b>	28°32'51.5"	<b>Long.</b>	114°37'49.4"
<b>Photo No:</b>	44	<b>Direction:</b>	SE		
<b>Aspect</b>	SE	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sandy clay	<b>Colour:</b>	Red-brown		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	5%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	10%		
<b>Disturbance:</b>	<i>Type</i>	Grazing	<i>Extent</i>	100%	

**Community Description:**

U+^Acacia acuminata\^tree\5i;M^Acacia tetragonophylla\^shrub\3\ r;G^ Rhodanthe spicata, Gilberta tenuifolia\^forb\1c

**Species**

<i>Acacia acuminata</i>	<i>Erodium cygnorum</i>	<i>Velleia cycnopotamica</i>
<i>Acacia tetragonophylla</i>	<i>Gilberta tenuifolia</i>	* <i>Vulpia myuros</i>
<i>Amphipogon carcinus</i>	<i>Gonocarpus nodulosus</i>	<i>Waitzia acuminata</i>
* <i>Arctotheca calendula</i>	<i>Grevillea</i> sp. seedling	
<i>Austrostipa elegantissima</i>	<i>Hakea preissii</i>	
* <i>Avena barbata</i>	<i>Hakea recurva</i>	
<i>Banksia fraseri</i> var. <i>ashbyi</i>	<i>Hyalosperma demissum</i>	
<i>Borya sphaerocephala</i>	* <i>Hypochaeris glabra</i>	
* <i>Briza maxima</i>	<i>Hypoxis glabella</i>	
<i>Caesia micrantha</i>	INDET spE	
<i>Centrolepis</i> sp.	<i>Lawrencella rosea</i>	
<i>Chamaescilla versicolor</i>	<i>Neurachne alopecuroidea</i>	
<i>Cheilanthes sieberi</i>	* <i>Petrorhagia dubia</i>	
<i>Clematicissus angustissima</i>	<i>Phyllangium divergens</i>	
<i>Cuscuta planiflora</i>	<i>Podolepis lessonii</i>	
<i>Dampiera altissima</i>	<i>Rhodanthe spicata</i>	
<i>Dioscorea hastifolia</i>	<i>Scholtzia ciliata</i>	
<i>Drosera macrantha</i>	<i>Thysanotus manglesianus</i>	
* <i>Emex australis</i>	<i>Trachymene cyanopetala</i>	



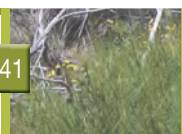
### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0845	<b>Date</b>	17/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	45	<b>Lat.</b>	28°45'48.1"	<b>Long.</b>	114°40'11.1"
<b>Photo No:</b>	45	<b>Direction:</b>	SE		
<b>Aspect</b>	N	<b>Slope:</b>	Steep	<b>Topography:</b>	Riverbank
<b>Surface Soil:</b>	Loamy sand	<b>Colour:</b>	Red-brown		
<b>Exposed Rock:</b>	Sandstone	<b>% Surface Rock:</b>	4	<b>Fragment size:</b>	
<b>Litter cover:</b>	10%	<b>Litter depth:</b>	2 cm	<b>Bare ground:</b>	2%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	70%		
<b>Disturbance:</b>	<i>Type</i>	Erosion	<i>Extent</i>	100%	
<b>Notes:</b>	On steep bank of Chapman river – sandstone shelves and eroded soil faces				

**Community Description:** M+<sup>^</sup>*Melaleuca raphiophylla*, *Acacia rostellifera*\^shrub\4r;G<sup>^</sup>*Oxalis pes-caprae*, *Cynodon dactylon*\^forb,other grass\1c

#### Species

<i>Acacia rostellifera</i>	<i>Melaleuca raphiophylla</i>
* <i>Arctotheca calendula</i>	* <i>Melinis repens</i>
<i>Austrostipa elegantissima</i>	* <i>Monoculus monstrosus</i>
* <i>Avena barbata</i>	* <i>Oxalis pes-caprae</i>
* <i>Cenchrus ciliaris</i>	<i>Pimelea microcephala</i> subsp. <i>microcephala</i>
<i>Chenopodium gaudichaudianum</i>	* <i>Sonchus oleraceus</i>
* <i>Cynodon dactylon</i>	
<i>Cyperus gymnocaulos</i>	
<i>Dioscorea hastifolia</i>	
* <i>Echium plantagineum</i>	
* <i>Ehrharta longiflora</i>	
* <i>Erodium botrys</i>	
<i>Erodium cygnorum</i>	
* <i>Fumaria capreolata</i>	
<i>Grevillea pinaster</i>	
* <i>Hedypnois rhagadioloides</i>	
* <i>Hordeum leporinum</i>	
* <i>Hypochoeris glabra</i>	
* <i>Lolium rigidum</i>	



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0846	<b>Date</b>	18/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	46	<b>Lat.</b>	28°53'02.2"	<b>Long.</b>	114°38'49.7"
<b>Photo No:</b>	46	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope/dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	80%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	2%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	Type	Drought	Extent	100%	
	Type	Rabbits	Extent	100%	

**Community Description:**

M+<sup>^</sup>Scaevola crassifolia, Acacia rostellifera, Zygophyllum fruticosum\^shrub\3\i;G<sup>^</sup>Ehrharta longiflora, Reichardia tingitana\^other grass,forb\1\

**Species**

*Acacia rostellifera*  
*Acanthocarpus preissii*  
 \**Anagallis arvensis*  
*Austrostipa elegantissima*  
 \**Brassica tournefortii*  
*Cassutha racemosa*  
*Clematis linearifolia*  
*Daucus glochidiatus*  
 \**Ehrharta longiflora*  
 \**Euphorbia terracina*  
*Myoporum insulare*  
 \**Reichardia tingitana*  
*Rhagodia latifolia* subsp. *recta*  
*Scaevola crassifolia*  
 \**Sonchus oleraceus*  
*Threlkeldia diffusa*  
*Thysanotus manglesianus*  
*Trachymene ornata*  
*Zygophyllum fruticosum*



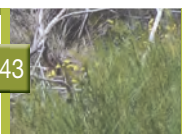
### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0847	<b>Date</b>	18/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	47	<b>Lat.</b>	28°53'01.1"	<b>Long.</b>	114°39'49.0"
<b>Photo No:</b>	47	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Loamy sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	50%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	<i>Type</i>	Drought	<i>Extent</i>	100%	

**Community Description:** M+<sup>^</sup>*Melaleuca cardiophylla*\<sup>^</sup>shrub\5\c;G<sup>^</sup>*Calandrinia brevipedata*,  
*Crassula colorata*\<sup>^</sup>forb\1\r

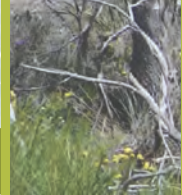
#### Species

*Alyxia buxifolia*  
*Asteraceae* spD  
*Austrostipa elegantissima*  
 \**Avena barbata*  
*Calandrinia brevipedata*  
*Calandrinia liniflora*  
*Chenopodium gaudichaudianum*  
*Crassula colorata*  
*Eriochilus dilatatus* subsp. *undulatus*  
 \**Lolium rigidum*  
*Melaleuca cardiophylla*  
*Parietaria cardiostegia*  
*Pimelea gilgiana*  
*Rhagodia latifolia* subsp. *recta*  
 \**Sonchus oleraceus*  
*Threlkeldia diffusa*  
*Thysanotus manglesianus*  
*Zygophyllum fruticosum*









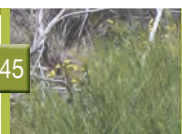
### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0849	<b>Date</b>	18/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	49	<b>Lat.</b>	28°52'12.5"	<b>Long.</b>	114°38'08.2"
<b>Photo No:</b>	49	<b>Direction:</b>	SE		
<b>Aspect</b>	SE	<b>Slope:</b>	Gentle	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	40%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	25%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	Type	Drought	Extent	100%	
	Type	Rabbits	Extent	5%	
<b>Notes:</b>	Quadrat sited on eastern slope of dune – vegetation the same as western (seaward) side.				

**Community Description:** M+<sup>^</sup>*Thryptomene baeckeacea* heath shrub\3\c;G<sup>^</sup>*Anagallis arvensis*, *Euphorbia peplus*, *Sonchus oleraceus* forb\1\r

#### Species

*\*Anagallis arvensis*  
*\*Avena barbata*  
*Calandrinia brevipedata*  
*Carpobrotus virescens*  
*Cassutha flava*  
*\*Ehrharta longiflora*  
*\*Euphorbia peplus*  
*\*Euphorbia terracina*  
*Nicotiana occidentalis* subsp. *hesperis*  
*Parietaria cardiostegia*  
*Pittosporum ligustrifolium*  
*Ptilotus divaricatus*  
*Rhagodia latifolia* subsp. *recta*  
*\*Schismus barbatus*  
*Senecio pinnatifolius*  
*\*Sonchus oleraceus*  
*Tetragonia implexicoma*  
*Threlkeldia diffusa*  
*Thryptomene baeckeacea*  
*Zygophyllum fruticosum*



## Appendix six: Floristic quadrat details

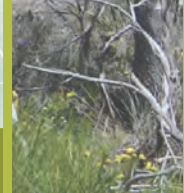
<b>Quadrat/Site</b>	GRV0850	<b>Date</b>	18/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	50	<b>Lat.</b>	28°51'17.4"	<b>Long.</b>	114°37'55.5"
<b>Photo No:</b>	50	<b>Direction:</b>	SE		
<b>Aspect</b>	SE	<b>Slope:</b>	Gentle	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	White		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	90%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	2%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	0%		
<b>Disturbance:</b>	<i>Type</i>	Drought	<i>Extent</i>	100%	

**Notes:** Area of dense *Acacia rostellifera* varying from impenetrable thickets to 5m high, to large dead areas. Lower height area chosen to be accessible. Drought affected.

**Community Description:** M+<sup>^</sup>*Acacia rostellifera*, *Clematis linearifolia*, *Rhagodia latifolia* subsp. *recta* \shrub,vine,chenopod shrub\3\c;G<sup>^</sup>*Calandrinia brevipedata* \forb\1\

**Species**

*Acacia rostellifera*  
*Calandrinia brevipedata*  
*Clematis linearifolia*  
*Olearia axillaris*  
*Parietaria cardiostegia*  
*Rhagodia latifolia* subsp. *recta*  
*Senecio pinnatifolius*  
*Tetragonia implexicoma*  
*Threlkeldia diffusa*



### Appendix six: Floristic quadrat details

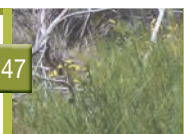
<b>Quadrat/Site</b>	GRV0851	<b>Date</b>	18/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	51	<b>Lat.</b>	28°51'44.7"	<b>Long.</b>	114°38'53.5"
<b>Photo No:</b>	51	<b>Direction:</b>	SE		
<b>Aspect</b>	SW	<b>Slope:</b>	Steep	<b>Topography:</b>	Riverbank
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Light grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	2	<b>Fragment size:</b>	10-50 cm
<b>Litter cover:</b>	10%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	40%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	40%		
<b>Disturbance:</b>	<i>Type</i>	Rabbits	<i>Extent</i>	100%	

**Notes:** On river bank slope: does not include samphire/*Casuarina obesa* on river flat – drought affected.

**Community Description:** M+<sup>^</sup>*Alyxia buxifolia*^\shrub\3\c;G<sup>^</sup>*Euphorbia peplus*, *Ehrharta longiflora*, *Brassica tournefortii*^\forb,other grass\1\c

#### Species

<i>Acacia rostellifera</i>	<i>Stylobasium spathulatum</i>
<i>Acanthocarpus preissii</i>	<i>Thysanotus manglesianus</i>
<i>Alyxia buxifolia</i>	<i>Tricoryne elatior</i>
* <i>Anagallis arvensis</i>	<i>Velleia cycnopotamica</i>
* <i>Avena barbata</i>	
* <i>Brassica tournefortii</i>	
<i>Cassytha flava</i>	
<i>Comesperma integerrimum</i>	
<i>Dianella revoluta</i>	
* <i>Ehrharta longiflora</i>	
* <i>Euphorbia peplus</i>	
* <i>Euphorbia terracina</i>	
<i>Hibbertia spicata</i>	
<i>Lepidosperma</i> sp.	
<i>Phyllanthus calycinus</i>	
<i>Pittosporum ligustrifolium</i>	
<i>Ptilotus declinatus</i>	
<i>Scaevola crassifolia</i>	
* <i>Sonchus oleraceus</i>	



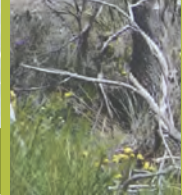
## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0852	<b>Date</b>	18/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	52	<b>Lat.</b>	28°51'20.3"	<b>Long.</b>	114°38'49.4"
<b>Photo No:</b>	52	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Light grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	50%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	20%		
<b>Disturbance:</b>	Type	Rabbits	Extent	100%	

**Community Description:** M+<sup>^</sup>*Acacia rostellifera*, *Lycium ferocissimum*\<sup>^</sup>shrub\5/c;G<sup>^</sup>*Bromus madritensis*, *Avena barbata*, *Brassica tournefortii*\<sup>^</sup>other grass,forb\1\i

**Species**

*Acacia rostellifera*  
*Acanthocarpus preissii*  
*Austrostipa elegantissima*  
 \**Avena barbata*  
 \**Brassica tournefortii*  
 \**Bromus madritensis*  
 \**Ehrharta longiflora*  
*Enchylaena tomentosa*  
 \**Lycium ferocissimum*  
 \**Reichardia tingitana*  
*Rhagodia latifolia* subsp. *recta*  
*Scaevola crassifolia*  
 \**Sonchus oleraceus*  
*Threlkeldia diffusa*  
 \**Trifolium subterraneum*



### Appendix six: Floristic quadrat details

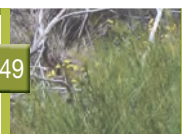
<b>Quadrat/Site</b>	GRV0853	<b>Date</b>	19/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	53	<b>Lat.</b>	28°38'26.6"	<b>Long.</b>	114°37'50.1"
<b>Photo No:</b>	53	<b>Direction:</b>	SE		
<b>Aspect</b>	SE	<b>Slope:</b>	Steep	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sandy clay	<b>Colour:</b>	Orange-brown		
<b>Exposed Rock:</b>	Unknown	<b>% Surface Rock:</b>	25%	<b>Fragment size:</b>	10-40 cm
<b>Litter cover:</b>	1%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	<1%		
<b>Disturbance:</b>	<i>Type</i>	Grazed	<i>Extent</i>	100%	

**Notes:** Grazed, trees cleared for mining in 1800s. Big euro population. Site location based upon safety (steep slope)

**Community Description:** M+ *Acacia tetragonophylla*, *Melaleuca concreta* <sup>shrub</sup>; G *Clematicissus angustissima* <sup>vine</sup>

#### Species

<i>Acacia tetragonophylla</i>	<i>Pimelea microcephala</i> subsp. <i>microcephala</i>
<i>Allocasuarina campestris</i>	<i>Sida calyxhymenia</i>
<i>Amphipogon caricinus</i>	<i>Thysanotus manglesianus</i>
<i>Austrostipa nitida</i>	
<i>Calandrinia brevipedata</i>	
<i>Calotis hispidula</i>	
<i>Calytrix depressa</i>	
<i>Ceratogyne obionoides</i>	
<i>Clematicissus angustissima</i>	
<i>Comesperma integerrimum</i>	
<i>Crassula colorata</i>	
<i>Dioscorea hastifolia</i>	
<i>Enchylaena tomentosa</i>	
<i>Erodium cygnorum</i>	
<i>Euphorbia boophthona</i>	
* <i>Hypochaeris glabra</i>	
INDET spF	
<i>Melaleuca concreta</i>	
<i>Neurachne alopecuroidea</i>	



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0854	<b>Date</b>	19/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	54	<b>Lat.</b>	28°38'51.6"	<b>Long.</b>	114°36'59.3"
<b>Photo No:</b>	54	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Orange		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	80%	<b>Litter depth:</b>	1-4 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	2%		
<b>Disturbance:</b>	<i>Type</i>	Rabbits	<i>Extent</i>	100%	
<b>Notes:</b>	Formerly grazed				

**Community Description:**

M+<sup>^</sup>*Acacia rostellifera*,*Acacia xanthina*\<sup>^</sup>shrub\4\c;G<sup>^</sup>*Brassica tournefortii*\<sup>^</sup>forb\1\r

**Species**

*Acacia rostellifera*

*Acacia xanthina*

*Acanthocarpus preissii*

*Amyema preissii*

\**Brassica tournefortii*

*Calandrinia liniflora*

*Clematicissus angustissima*

*Dioscorea hastifolia*

\**Ehrharta longiflora*

*Muehlenbeckia adpressa*

*Nicotiana occidentalis* subsp. *hesperis*

\**Pennisetum setaceum*

*Pimelea microcephala* subsp. *microcephala*

\**Sonchus oleraceus*

*Stylobasium spathulatum*



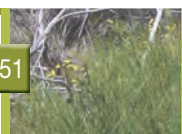
### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0855	<b>Date</b>	19/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	55	<b>Lat.</b>	28°38'03.0"	<b>Long.</b>	114°39'14.8"
<b>Photo No:</b>	55	<b>Direction:</b>	SE		
<b>Aspect</b>	S	<b>Slope:</b>	Gentle	<b>Topography:</b>	Hilltop
<b>Surface Soil:</b>	Loamy sand	<b>Colour:</b>	Yellow-grey		
<b>Exposed Rock:</b>	Quartz, granite	<b>% Surface Rock:</b>	10	<b>Fragment size:</b>	2-10 cm
<b>Litter cover:</b>	5%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	0%		
<b>Disturbance:</b>	<i>Type</i>	±none	<i>Extent</i>		
<b>Notes:</b>	Probably lightly grazed in the past but doesn't appear to have any signs of disturbance. Condition close to pristine.				

**Community Description:** G+<sup>^</sup>*Melaleuca coronicarpa*, A species of conservation significance, *Dodonaea ericoides* \shrub, heath shrub\1\d

#### Species

<i>Acacia ericifolia</i>	<i>Lawrencella rosea</i>
<i>Acacia tetragonophylla</i>	<i>Lepidosperma</i> spP1 Small Head
<i>Amphipogon carcinus</i>	<i>Lomandra nigricans</i>
* <i>Arctotheca calendula</i>	<i>Melaleuca concreta</i>
<i>Astroloma serratifolium</i>	<i>Melaleuca coronicarpa</i>
<i>Austrostipa elegantissima</i>	<i>Melaleuca radula</i>
<i>Blennospora drummondii</i>	<i>Mirbelia depressa</i>
<i>Borya sphaerocephala</i>	<i>Neurachne alopecuroidea</i>
<i>Caesia micrantha</i>	<i>Opercularia spermacocea</i>
<i>Caladenia footeana</i>	Orchidaceae spA
<i>Calandrinia liniflora</i>	<i>Petrophile seminuda</i>
<i>Calytrix depressa</i>	<i>Podolepis lessonii</i>
<i>Cryptandra arbutiflora</i> var. <i>borealis</i>	<i>Schoenus latitans</i>
<i>Dichopogon capillipes</i>	<i>Stylidium adpressum</i>
<i>Dodonaea ericoides</i>	<i>Thryptomene racemulosa</i>
<i>Drosera glanduligera</i>	<i>Thysanotus manglesianus</i>
<i>Drosera macrantha</i>	<i>Verticordia chrysantha</i>
<i>Hydrocotyle pilifera</i> var. <i>glabrata</i>	<i>Wahlenbergia preissii</i>
* <i>Hypochaeris glabra</i>	Four species of conservation significance
<i>Hypoxis glabella</i>	



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0856	<b>Date</b>	19/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	56	<b>Lat.</b>	28°39'23.6"	<b>Long.</b>	114°37'03.6"
<b>Photo No:</b>	56	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Grey-orange		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	5	<b>Fragment size:</b>	5-20 cm
<b>Litter cover:</b>	55%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	25%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	<i>Type</i>	Rabbits	<i>Extent</i>	100%	

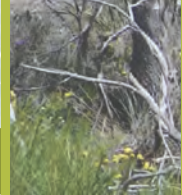
**Community Description:**

M+<sup>^</sup>Melaleuca cardiophylla, Grevillea argyrophylla\^shrub\4\c;G<sup>^</sup>Zygophyllum fruticosum\^shrub\1\i

**Species**

*Aphanopetalum clematideum*      *\*Reichardia tingitana*  
*Austrostipa elegantissima*      *Rhagodia latifolia* subsp. *recta*  
*\*Avena barbata*      *Tetragonia implexicoma*  
*\*Brassica tournefortii*      *Trachymene pilosa*  
*Calandrinia polyandra*      *Zygophyllum fruticosum*  
*Cassutha flava*  
*Chenopodium gaudichaudianum*  
*Comesperma integerrimum*  
*Crassula exserta*  
*Dioscorea hastifolia*  
*\*Ehrharta longiflora*  
*\*Euphorbia peplus*  
*Grevillea argyrophylla*  
*Hibbertia spicata*  
*Hydrocotyle pilifera* var. *glabrata*  
*\*Hypochoeris glabra*  
*Melaleuca cardiophylla*  
*Parietaria cardiostegia*  
*Ptilotus divaricatus*





### Appendix six: Floristic quadrat details

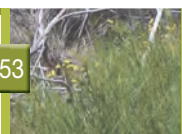
<b>Quadrat/Site</b>	GRV0857	<b>Date</b>	19/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	57	<b>Lat.</b>	28°39'25.0"	<b>Long.</b>	114°36'57.8"
<b>Photo No:</b>	57	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Valley
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Orange		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	80%	<b>Litter depth:</b>	1-3 cm	<b>Bare ground:</b>	10%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	10%		
<b>Disturbance:</b>	<i>Type</i>	Rabbits	<i>Extent</i>	100%	
<b>Notes:</b>	Extensive rabbit warrens, very old vegetation.				

**Community Description:**

M+<sup>^</sup>*Acacia rostellifera*, *Chamelaucium uncinatum*, *Pimelea microcephala* subsp. *microcephala* \^shrub\4;c;G<sup>^</sup>*Euphorbia peplus*, *Euphorbia myrtoides*, *Brassica tournefortii* \^forb\1\i

**Species**

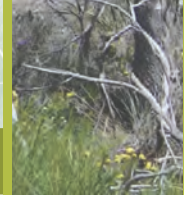
- Acacia rostellifera*
- Amyema preissii*
- \**Brassica tournefortii*
- Calandrinia corrigioloides*
- Cassutha flava*
- Chamelaucium uncinatum*
- Crassula exserta*
- Dioscorea hastifolia*
- Euphorbia myrtoides*
- \**Euphorbia terracina*
- Parietaria cardiostegia*
- Pimelea microcephala* subsp. *microcephala*
- \**Reichardia tingitana*
- Rhagodia latifolia* subsp. *recta*
- Stylobasium spathulatum*
- Thysanotus manglesianus*
- \**Urospermum picroides*
- Zygophyllum fruticosum*



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0858	<b>Date</b>	19/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	58	<b>Lat.</b>	28°39'25.1"	<b>Long.</b>	114°36'54.0"
<b>Photo No:</b>	58, 59	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Valley
<b>Surface Soil:</b>	Peaty sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	2%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	50%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	<1cm		
<b>Disturbance:</b>	<i>Type</i>	Past grazing	<i>Extent</i>	100%	
<b>Community Description:</b>	M <sup>+</sup> Acacia rostellifera <sup>\shrub\3\</sup> r;G <sup>+</sup> Frankenia pauciflora <sup>\shrub\1\</sup> c				

**Species***Acacia rostellifera**\*Brassica tournefortii**Frankenia pauciflora**\*Hypochaeris glabra**Poaceae* spC*Stylobasium spathulatum**Tetragonia implexicoma**Threlkeldia diffusa**\*Vulpia myuros**Zygophyllum fruticosum*



## Appendix six: Floristic quadrat details

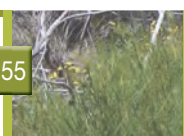
<b>Quadrat/Site</b>	GRV0859	<b>Date</b>	20/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	59	<b>Lat.</b>	28°43'36.5"	<b>Long.</b>	114°37'14.4"
<b>Photo No:</b>	60, 61	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Wetland, watercourse
<b>Surface Soil:</b>	Clay	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	5%	<b>Litter depth:</b>	-	<b>Bare ground:</b>	-
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	<i>Type</i>	n/a	<i>Extent</i>		

**Notes:** Condition assessment based on assumption that this area has always been saline (if not, condition would be degraded). Sporobolus growing on high points only. Juncus acutus in area.

**Community Description:** G+<sup>^</sup>*Sarcocornia quinqueflora*, *Juncus kraussii*<sup>^</sup>samphire, rush\2\d

### Species

*Casuarina obesa*  
*Juncus kraussii*  
*Sarcocornia quinqueflora*  
*Sporobolus virginicus*



## Appendix six: Floristic quadrat details

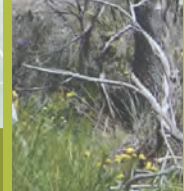
<b>Quadrat/Site</b>	GRV0860	<b>Date</b>	20/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	60	<b>Lat.</b>	28°52'30.1"	<b>Long.</b>	114°39'52.8"
<b>Photo No:</b>	62, 63	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Wetland, watercourse
<b>Surface Soil:</b>	Brown	<b>Colour:</b>	Clay		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	
<b>Litter cover:</b>	70%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	1%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	2%		
<b>Disturbance:</b>	Type	n/a	Extent		

**Notes:** Condition assessment is based on the assumption that this area has always been saline (if not, condition would be degraded).

**Community Description:** U<sup>^</sup>Casuarina obesa\^tree\6\r;G+<sup>^</sup>Sarcocornia quinqueflora, Sporobolus virginicus, Wilsonia rotundifolia\^samphire,other grass,forb\1\d

**Species**

Casuarina obesa  
 Enchylaena tomentosa  
 Juncus kraussii  
 \*Melilotus indicus  
 \*Reichardia tingitana  
 Sarcocornia quinqueflora  
 Sporobolus virginicus  
 Tecticornia indica  
 Tecticornia pergranulata  
 Wilsonia rotundifolia



### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0861	<b>Date</b>	20/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	61	<b>Lat.</b>	28°50'56.2"	<b>Long.</b>	114°39'32.6"
<b>Photo No:</b>	66	<b>Direction:</b>	SE		
<b>Aspect</b>	E	<b>Slope:</b>	Steep	<b>Topography:</b>	Ridge
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	4	<b>Fragment size:</b>	10-40 cm
<b>Litter cover:</b>	3%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	40%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	40%		
<b>Disturbance:</b>	Type	Grazed	Extent	100%	

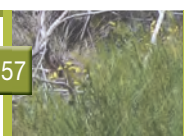
**Community Description:**

M+^A species of conservation significance, *Pimelea microcephala* subsp. *microcephala* mallee shrub,shrub\3r;G^*Pennisetum setaceum*, *Brassica tournefortii*, *Avena barbata* tussock grass,herb,other grass\2c

**Species**

- \**Anagallis arvensis*
- Aphanopetalum clematideum*
- \**Asphodelus fistulosus*
- Austrostipa tenuifolia*
- \**Avena barbata*
- \**Brassica tournefortii*
- \**Bromus diandrus*
- Chenopodium gaudichaudianum*
- \**Echium plantagineum*
- \**Ehrharta brevifolia* var. *cuspidate*
- \**Emex australis*
- \**Euphorbia peplus*
- \**Hypochaeris glabra*
- \**Lycium ferocissimum*
- \**Medicago polymorpha*
- \**Misopates orontium*
- Oxalis perennans*
- \**Pennisetum setaceum*
- \**Petrorhagia dubia*

- Pimelea microcephala* subsp. *microcephala*
- Pittosporum ligustrifolium*
- Polycarpon tetraphyllum*
- Ptilotus eriotrichus*
- Rhagodia latifolia* subsp. *recta*
- \**Solanum oldfieldii*
- A species of conservation significance



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0862	<b>Date</b>	20/08/2008		
<b>Field Staff</b>	LA/CK				
<b>Wpt</b>	62	<b>Lat.</b>	28°49'19.42"	<b>Long.</b>	114°41'52.2"
<b>Photo No:</b>	67, 68	<b>Direction:</b>	SE		
<b>Aspect</b>	NE	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Clayey sand	<b>Colour:</b>	Yellow-grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	30%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	3%		
<b>Disturbance:</b>	Type	±none	Extent		

**Community Description:**

M+*Acacia rostellifera* shrub; G+*Hibbertia hypericoides*, *Dianella revoluta* shrub, forb

**Species**

*Acacia rostellifera*  
*Amyema preissii*  
*Austrostipa elegantissima*  
 \**Avena barbata*  
*Brachyscome perpusilla*  
 \**Briza maxima*  
*Caesia micrantha*  
*Caladenia flava* subsp. *maculata*  
*Caladenia longicaudata* subsp. *borealis*  
*Cassytha flava*  
*Clematicissus angustissima*  
*Conostylis stylioides*  
*Crassula colorata*  
*Desmocladius asper*  
*Dianella revoluta*  
*Dioscorea hastifolia*  
*Drosera porrecta*  
 \**Ehrharta longiflora*  
*Hibbertia hypericoides*

\**Hypochaeris glabra*  
*Jacksonia nutans*  
*Lamiaceae* sp  
*Lepidosperma tenue*  
*Lomandra suaveolens*  
*Melaleuca depressa*  
*Podolepis capillaris*  
*Poranthera microphylla*  
*Ptilotus polystachyus*  
*Schoenus grandiflorus*  
*Sowerbaea laxiflora*  
*Stylobasium spathulatum*  
*Thysanotus manglesianus*  
*Trachymene cyanopetala*  
*Trachymene ornata*  
 \**Ursinia anthemoides*  
 \**Vulpia myuros*



### Appendix six: Floristic quadrat details

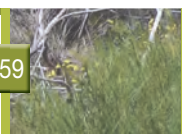
<b>Quadrat/Site</b>	GRV0863	<b>Date</b>	01/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	1	<b>Lat.</b>	28°40'19.9"	<b>Long.</b>	114°39'26.2"
<b>Photo No:</b>	23	<b>Direction:</b>	SE		
<b>Aspect</b>	NW	<b>Slope:</b>	Gentle	<b>Topography:</b>	Hilltop
<b>Surface Soil:</b>	Sandy clay loam	<b>Colour:</b>	Brown orange		
<b>Exposed Rock:</b>	Laterite or sandstone	<b>% Surface Rock:</b>	1	<b>Fragment size:</b>	1-10 cm
<b>Litter cover:</b>	2%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	25%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	<1%		
<b>Disturbance:</b>	Type	±none	Extent		
<b>Notes:</b>	May have been previously grazed.				

**Community Description:**

M<sup>^</sup>Melaleuca megacephala\^shrub\2r;G+<sup>^</sup>Melaleuca concreta, Verticordia chrysantha, Calytrix depressa\^shrub,heath shrub\1c

**Species**

- |  |                         |
|--|-------------------------|
| *Aira cupaniana                            | Melaleuca megacephala   |
| Amphipogon caricinus                       | Mirbelia depressa       |
| Astroloma serratifolium                    | Neurachne alopecuroidea |
| Austrostipa compressa                      | *Pentaschistis airoides |
| Austrostipa elegantissima                  | Petrophile seminuda     |
| Blennospora drummondii                     | Podotheca gnaphalioides |
| Borya sphaerocephala                       | Rhodanthe manglesii     |
| *Bromus hordeaceus                         | Schoenus variicellae    |
| Caesia micrantha                           | Stylidium adpressum     |
| Calytrix depressa                          | Thysanotus manglesianus |
| Cheilanthes sieberi                        | Trachymene ornata       |
| Conostylis prolifera                       | Velleia cynnopotamica   |
| Cryptandra arbutiflora var. borealis       | Verticordia chrysantha  |
| Dioscorea hastifolia                       |                         |
| *Hypochaeris glabra                        |                         |
| Isotoma hypocrateriformis                  |                         |
| Lawrencella rosea                          |                         |
| Laxmannia sessiliflora subsp. sessiliflora |                         |
| Melaleuca concreta                         |                         |



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0864	<b>Date</b>	01/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	2	<b>Lat.</b>	28°37'42.2"	<b>Long.</b>	114°40'10.4"
<b>Photo No:</b>	25	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Steep	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sandy clay loam	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	Laterite / sandstone	<b>% Surface Rock:</b>	2	<b>Fragment size:</b>	2-50 cm
<b>Litter cover:</b>	40	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	40%
<b>Condition (Keighery)</b>	Pristine	<b>Weed cover:</b>	0		
<b>Disturbance:</b>	Type	None		Extent	

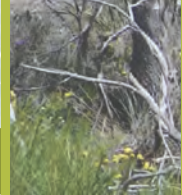
**Community Description:**

M+<sup>^</sup>Melaleuca megacephala, Melaleuca filifolia, Gastrolobium triangulare<sup>^</sup>shrub\3;c;G<sup>^</sup>Dodonaea ericoides, A species of conservation significance, A species of conservation significance<sup>^</sup>shrub,heath shrub\2\i

**Species**

Caesia micrantha  
 Comesperma integerrimum  
 Dodonaea ericoides  
 Gastrolobium triangulare  
 Grevillea pinaster  
 Lepidosperma tenue  
 Leucopogon hamulosus  
 Melaleuca filifolia  
 Melaleuca megacephala  
 Melaleuca viminea  
 Neurachne alopecuroidea  
 Petrophile seminuda  
 Scholtzia ciliata  
 Thysanotus manglesianus  
 Verticordia chrysantha  
 Two species of conservation significance





### Appendix six: Floristic quadrat details

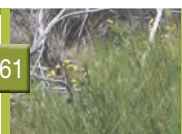
<b>Quadrat/Site</b>	GRV0865	<b>Date</b>	01/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	3	<b>Lat.</b>	28°41'11.8"	<b>Long.</b>	114°37'31.7"
<b>Photo No:</b>	26	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Hilltop
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow-grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	10%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	1%		
<b>Disturbance:</b>	Type	Rabbits	Extent	100%	

**Community Description:**

U+^Banksia prionotes\^tree\6\r;M^Acacia scirpifolia\^shrub\3\r;G^ Conostylis aculeata sens lat, Desmocladius asper, Ehrharta longiflora\^forb,rush,other grass\1\c

**Species**

- |   |                                |
|---|--------------------------------|
| <i>Acacia rostellifera</i>                      | <i>Poranthera microphylla</i>  |
| <i>Acacia scirpifolia</i>                       | <i>Schoenus variicellae</i>    |
| <i>Acanthocarpus preissii</i>                   | * <i>Sonchus oleraceus</i>     |
| <i>Aristida holathera</i> var. <i>holathera</i> | <i>Trachymene cyanopetala</i>  |
| <i>Austrostipa elegantissima</i>                | <i>Trachymene pilosa</i>       |
| <i>Banksia prionotes</i>                        | * <i>Wahlenbergia capensis</i> |
| <i>Calandrinia corrigioloides</i>               |                                |
| <i>Clematicissus angustissima</i>               |                                |
| <i>Conostylis aculeata</i> sens lat             |                                |
| <i>Desmocladius asper</i>                       |                                |
| <i>Dianella revoluta</i>                        |                                |
| <i>Dioscorea hastifolia</i>                     |                                |
| * <i>Ehrharta longiflora</i>                    |                                |
| <i>Hyalosperma cotula</i>                       |                                |
| 8 <i>Hypochaeris glabra</i>                     |                                |
| <i>Lepidobolus preissianus</i>                  |                                |
| <i>Neurachne alopecuroidea</i>                  |                                |
| <i>Opercularia spermacocea</i>                  |                                |
| <i>Persoonia hexagona</i>                       |                                |



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0866	<b>Date</b>	02/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	4	<b>Lat.</b>	28°52'31.3"	<b>Long.</b>	114°40'42.2"
<b>Photo No:</b>	27	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Ridge
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	5%	<b>Fragment size:</b>	5-20 cm
<b>Litter cover:</b>	15%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	20%		
<b>Disturbance:</b>	Type	Grazing	Extent	100%	
<b>Notes:</b>	Grazed				

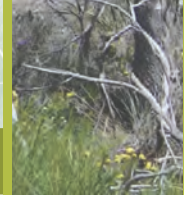
**Community Description:**

M+<sup>^</sup>Melaleuca cardiophylla\^shrub\4\i;G<sup>^</sup>Ptilotus obovatus, Crassula colorata, Hordeum leporinum\^shrub,forb,other grass\1\i

**Species**

\*Anagallis arvensis  
 Austrostipa flavescens  
 \*Brassica tournefortii  
 \*Bromus diandrus  
 Calandrinia polyandra  
 Crassula colorata  
 Diplolaena grandiflora  
 \*Ehrharta longiflora  
 \*Emex australis  
 \*Euphorbia terracina  
 \*Hordeum leporinum  
 \*Hypochaeris glabra  
 \*Lolium rigidum  
 \*Lycium ferocissimum  
 \*Malva parviflora  
 \*Medicago polymorpha  
 Melaleuca campanae  
 Melaleuca cardiophylla  
 \*Misopates orontium

Nicotiana occidentalis subsp. hesperis  
 \*Petrohragia dubia  
 Polycarpon tetraphyllum  
 Ptilotus obovatus  
 Rhagodia sp  
 \*Sisymbrium orientale  
 \*Sonchus oleraceus  
 \*Spergularia rubra  
 \*Vellereophyton dealbatum  
 Zygophyllum fruticosum



### Appendix six: Floristic quadrat details

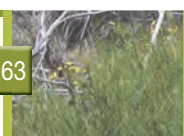
<b>Quadrat/Site</b>	GRV0867	<b>Date</b>	02/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	5	<b>Lat.</b>	28°52'53.2"	<b>Long.</b>	114°42'10.7"
<b>Photo No:</b>	28	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Hilltop
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	15	<b>Fragment size:</b>	5-50 cm
<b>Litter cover:</b>	70%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	2%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	3%		
<b>Disturbance:</b>	<i>Type</i>	Grazing	<i>Extent</i>	100%	

**Notes:** The excellent condition is despite cattle grazing. Grazing impacts have been some weed introduction and some trampling.

**Community Description:** M+<sup>^</sup>*Melaleuca campanae*, *Acanthocarpus preissii*, *Melaleuca cardiophylla* <sup>^</sup>shrub, forb\3\c; G<sup>^</sup>*Desmocladius asper*, *Opercularia spermacocea*, *Rhodanthe spicata* <sup>^</sup>rush, forb\1\c

#### Species

<i>Acacia xanthina</i>	<i>Melaleuca campanae</i>
<i>Acanthocarpus preissii</i>	<i>Melaleuca cardiophylla</i>
* <i>Anagallis arvensis</i>	<i>Opercularia spermacocea</i>
<i>Austrostipa elegantissima</i>	* <i>Petrorhagia dubia</i>
* <i>Avena barbata</i>	<i>Podotheca gnaphalioides</i>
* <i>Brassica tournefortii</i>	<i>Poranthera microphylla</i>
* <i>Briza maxima</i>	<i>Ptilotus obovatus</i>
* <i>Bromus diandrus</i>	<i>Rhodanthe spicata</i>
<i>Calandrinia eremaea</i>	<i>Rulingia borealis</i>
<i>Calotis hispidula</i>	<i>Thysanotus manglesianus</i>
<i>Cassutha flava</i>	<i>Trachymene pilosa</i>
<i>Daucus glochidiatus</i>	* <i>Urospermum picroides</i>
<i>Desmocladius asper</i>	* <i>Ursinia anthemoides</i>
<i>Dioscorea hastifolia</i>	<i>Wahlenbergia preissii</i>
<i>Goodenia berardiana</i>	
<i>Hibbertia spicata</i>	
* <i>Hypochaeris glabra</i>	
<i>Linum marginale</i>	
* <i>Medicago polymorpha</i>	



## Appendix six: Floristic quadrat details

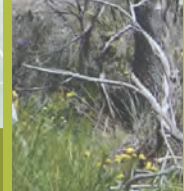
<b>Quadrat/Site</b>	GRV0868	<b>Date</b>	02/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	6	<b>Lat.</b>	28°51'58.8"	<b>Long.</b>	114°41'04.2"
<b>Photo No:</b>	29	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	15	<b>Fragment size:</b>	10-100 cm
<b>Litter cover:</b>	25%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	5%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	50%		
<b>Disturbance:</b>	Type	Grazed	Extent	100%	

**Community Description:**

M+^Melaleuca cardiophylla Diplolaena grandiflora, Melaleuca huegelii^shrub\4\d;G^Ptilotus obovatus, Euphorbia terracina, Lolium rigidum^shrub,forb,other grass\1\c

**Species**

\*Anagallis arvensis  
 Austrostipa flavescens  
 \*Brassica tournefortii  
 \*Briza maxima  
 \*Bromus diandrus  
 Cassytha flava  
 Dioscorea hastifolia  
 Diplolaena grandiflora  
 \*Echium plantagineum  
 \*Ehrharta longiflora  
 \*Euphorbia terracina  
 Grevillea argyrophylla  
 \*Hordeum leporinum  
 \*Hypochaeris glabra  
 Lasiopetalum angustifolium  
 \*Lolium rigidum  
 \*Medicago polymorpha  
 Melaleuca campanae  
 Melaleuca cardiophylla  
 Melaleuca huegelii  
 Nicotiana occidentalis subsp. hesperis  
 \*Petrohragia dubia  
 Ptilotus obovatus  
 Rhagodia preissii subsp. obovata  
 Scaevola tomentosa  
 \*Sonchus oleraceus  
 \*Urospermum picroides

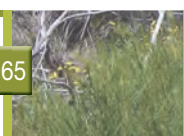


### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0869	<b>Date</b>	02/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	7	<b>Lat.</b>	28°50'44.7"	<b>Long.</b>	114°42'32.1"
<b>Photo No:</b>	30	<b>Direction:</b>	SE		
<b>Aspect</b>	SE	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow		
<b>Exposed Rock:</b>	n\	<b>% Surface Rock:</b>	n\	<b>Fragment size:</b>	n\
<b>Litter cover:</b>	30%	<b>Litter depth:</b>	1 cm	<b>Bare ground:</b>	20%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	10%		
<b>Disturbance:</b>	<i>Type</i>	Formerly grazed	<i>Extent</i>	100%	
<b>Notes:</b>	Most Banksias in the area are dead. The ground cover is dominated by <i>Ptilotus polystachyus</i> .				
<b>Community Description:</b>	U+^Banksia prionotes\^tree\6r;M^Acacia rostellifera\^shrub\4r;G^Conostylis stylidioides\^forb\1i				

#### Species

<i>Acacia rostellifera</i>	<i>Muehlenbeckia adpressa</i>
<i>Amyema preissii</i>	* <i>Pentaschistis airoides</i>
* <i>Anagallis arvensis</i>	<i>Pimelea microcephala</i> subsp. <i>microcephala</i>
<i>Austrodanthonia setacea</i>	<i>Pityrodia loxocarpa</i>
<i>Austrostipa compressa</i>	<i>Podotheca gnaphalioides</i>
<i>Austrostipa elegantissima</i>	<i>Ptilotus polystachyus</i>
* <i>Avena barbata</i>	<i>Rhagodia preissii</i> subsp. <i>obovata</i>
<i>Banksia prionotes</i>	* <i>Silene gallica</i>
* <i>Briza maxima</i>	<i>Stylobasium spathulatum</i>
<i>Calandrinia corrigioloides</i>	<i>Trachymene cyanopetala</i>
<i>Calandrinia polyandra</i>	* <i>Ursinia anthemoides</i>
<i>Clematicissus angustissima</i>	* <i>Vulpia myuros</i>
<i>Conostylis stylidioides</i>	<i>Wahlenbergia capensis</i>
<i>Cuscuta planiflora</i>	
<i>Desmocladius asper</i>	
* <i>Ehrharta longiflora</i>	
<i>Erodium cygnorum</i>	
* <i>Hypochaeris glabra</i>	
* <i>Lupinus cosentinii</i>	



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0870	<b>Date</b>	02/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	8	<b>Lat.</b>	28°47'45.4"	<b>Long.</b>	114°44'19.1"
<b>Photo No:</b>	31	<b>Direction:</b>	SE		
<b>Aspect</b>	SW	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	10	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	10%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	60%		
<b>Disturbance:</b>	Type	Grazed	Extent	100%	
	Type	Rabbits	Extent	100%	
<b>Notes:</b>	Tree deaths apparent.				

**Community Description:** M+<sup>^</sup>Acacia rostellifera<sup>^</sup>shrub<sup>^</sup>;G<sup>^</sup>Bromus hordeaceus, Vulpia myuros, Avena barbata<sup>^</sup>other grass<sup>^</sup>d

**Species**

<i>Acacia rostellifera</i>	<i>Pimelea microcephala</i> subsp. <i>microcephala</i>
* <i>Anagallis arvensis</i>	<i>Ptilotus polystachyus</i>
<i>Aristida holathera</i> var. <i>holathera</i>	* <i>Reichardia tingitana</i>
<i>Austrostipa elegantissima</i>	<i>Rhodanthe spicata</i>
<i>Austrostipa scabra</i>	* <i>Silene gallica</i>
* <i>Avena barbata</i>	<i>Trachymene cyanopetala</i>
* <i>Briza maxima</i>	* <i>Ursinia anthemoides</i>
* <i>Bromus hordeaceus</i>	* <i>Vulpia myuros</i>
<i>Clematicissus angustissima</i>	* <i>Wahlenbergia capensis</i>
<i>Conostylis aculeata</i> sens lat	<i>Waitzia acuminata</i>
<i>Dioscorea hastifolia</i>	
* <i>Dischisma capitatum</i>	
* <i>Echium plantagineum</i>	
<i>Hyalosperma cotula</i>	
* <i>Hypochaeris glabra</i>	
* <i>Lolium rigidum</i>	
<i>Misopates orontium</i>	
* <i>Pentaschistis airoides</i>	
* <i>Petrorrhagia dubia</i>	



### Appendix six: Floristic quadrat details

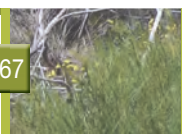
<b>Quadrat/Site</b>	GRV0871	<b>Date</b>	02/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	9	<b>Lat.</b>	28°46'24.2"	<b>Long.</b>	114°43'10.3"
<b>Photo No:</b>	32	<b>Direction:</b>	SE		
<b>Aspect</b>	E	<b>Slope:</b>	Flat	<b>Topography:</b>	Riverbank
<b>Surface Soil:</b>	Sandy clay loam	<b>Colour:</b>	Red brown		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	30%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	0
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	75%		
<b>Disturbance:</b>	Type	Weeds	Extent	75%	

**Notes:** Quadrat is 20 m long x 5 m wide (along riverbank), 2.5 m either side of the centreline, at a bearing of 202° from marker, on top of the riverbank.

**Community Description:** U+<sup>^</sup>*Eucalyptus camaldulensis*\<sup>^</sup>tree\7\c;M<sup>^</sup>*Lycium ferocissimum*\<sup>^</sup>shrub\4\r;G<sup>^</sup>*Cyperus gymnocaulos*, *Bromus diandrus*, *Ehrharta longiflora*\<sup>^</sup>sedge,other grass\2\d

#### Species

- \**Avena barbata*
- \**Bromus diandrus*
- Cyperus gymnocaulos*
- \**Ehrharta longiflora*
- Eucalyptus camaldulensis* var. *obtusa*
- \**Fumaria capreolata*
- \**Lycium ferocissimum*
- Melaleuca raphiophylla*
- \**Oxalis pes-caprae*
- \**Sonchus oleraceus*
- \**Tropaeolum majus*



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0872	<b>Date</b>	02/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	10	<b>Lat.</b>	28°45'04.9"	<b>Long.</b>	114°39'34.0"
<b>Photo No:</b>	33	<b>Direction:</b>	SE		
<b>Aspect</b>	S	<b>Slope:</b>	Steep	<b>Topography:</b>	Riverbank
<b>Surface Soil:</b>	Sandy clay	<b>Colour:</b>	Brown		
<b>Exposed Rock:</b>	Sandstone	<b>% Surface Rock:</b>	<1%	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	2%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	20%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	60%		
<b>Disturbance:</b>	<i>Type</i>	Weeds	<i>Extent</i>	60%	

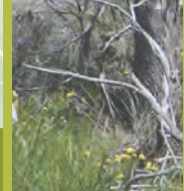
**Notes:** Quadrat is 20m long x 5 m wide (across the river), 2.5 m either side of the centre line, bearing 195° from the marker on the north river bank. Bare ground is river bed.

**Community Description:** *U+^Melaleuca raphiophylla, Casuarina obesa, Eucalyptus camaldulensis\^tree\7\i;G^Ehrharta longiflora, Bromus hordeaceus\^other grass\2\c*

**Species**

*Acacia rostellifera*  
*\*Avena barbata*  
*\*Bromus hordeaceus*  
*Cassutha flava*  
*Casuarina obesa*  
*Clematicissus angustissima*  
*\*Cotula coronopifolia*  
*Cyperus gymnocaulos*  
*\*Ehrharta longiflora*  
*Eucalyptus camaldulensis* var. *obtus*  
*\*Fumaria capreolata*  
*Grevillea pinaster*  
 INDET sp G  
*Melaleuca raphiophylla*  
*\*Oxalis pes-caprae*  
*\*Raphanus raphanistrum*  
*\*Sonchus oleraceus*  
*Spergularia marina*  
 A species of conservation significance





### Appendix six: Floristic quadrat details

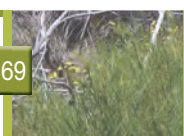
<b>Quadrat/Site</b>	GRV0873	<b>Date</b>	03/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	11	<b>Lat.</b>	28°49'55.9"	<b>Long.</b>	114°38'34.6"
<b>Photo No:</b>	34	<b>Direction:</b>	SE		
<b>Aspect</b>	SW	<b>Slope:</b>	Gentle	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	80%	<b>Litter depth:</b>	2-10 cm	<b>Bare ground:</b>	0
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	20%		
<b>Disturbance:</b>	<i>Type</i>	Previous grazing	<i>Extent</i>	100%	

**Notes:** The vegetation of the area consists of clumps of *Acacia rostellifera* with bare or weedy ground between.

**Community Description:** M+<sup>+</sup>*Acacia rostellifera* shrub; *Pennisetum setaceum*, *Reichardia tingitana* tussock grass, forb

#### Species

- Acacia rostellifera*
- \**Avena barbata*
- \**Bromus diandrus*
- \**Euphorbia terracina*
- \**Pennisetum setaceum*
- \**Reichardia tingitana*
- Rhagodia preissii* subsp. *obovata*
- \**Sonchus oleraceus*



## Appendix six: Floristic quadrat details

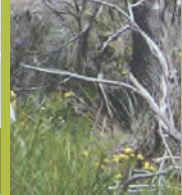
<b>Quadrat/Site</b>	GRV0874	<b>Date</b>	03/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	12	<b>Lat.</b>	28°49'37.0"	<b>Long.</b>	114°39'13.9"
<b>Photo No:</b>	35	<b>Direction:</b>	SE		
<b>Aspect</b>	W	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Clayey sand	<b>Colour:</b>	Orange		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	2	<b>Fragment size:</b>	5-30 cm
<b>Litter cover:</b>	60%	<b>Litter depth:</b>	2 cm	<b>Bare ground:</b>	15%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	30%		
<b>Disturbance:</b>	Type	Previously cleared	Extent	100%	

**Community Description:**

M+<sup>^</sup>*Acacia rostellifera*\<sup>^</sup>shrub\4\c;G<sup>^</sup>*Bromus hordeaceus*, *Avena barbata*, *Reichardia tingitana*\<sup>^</sup>other grass,forb\1\i

**Species**

*Acacia rostellifera*  
*Acacia scirpifolia*  
*Acanthocarpus preissii*  
 \**Anagallis arvensis*  
*Austrostipa nitida*  
 \**Avena barbata*  
 \**Brassica tournefortii*  
 \**Bromus diandrus*  
 \**Bromus hordeaceus*  
 \**Euphorbia terracina*  
*Guichenotia ledifolia*  
 \**Hedypnois rhagadioloides*  
 \**Lolium rigidum*  
 \**Medicago polymorpha*  
 \**Misopates orontium*  
 \**Pennisetum setaceum*  
 \**Reichardia tingitana*  
*Rhagodia preissii* subsp. *obovata*  
*Trachyandra divaricata*



### Appendix six: Floristic quadrat details

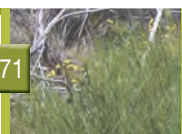
<b>Quadrat/Site</b>	GRV0875	<b>Date</b>	03/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	13	<b>Lat.</b>	28°47'15.5"	<b>Long.</b>	114°39'03.3"
<b>Photo No:</b>	36	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Dune
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	100%	<b>Litter depth:</b>	3 cm	<b>Bare ground:</b>	0
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	<i>Type</i>	±none	<i>Extent</i>		

**Notes:** Quadrat was recorded in the best available vegetation condition. Most of the area was in good or very good condition. There is a lot of rubbish dumping in the area (not in quadrat).

**Community Description:** M+<sup>^</sup>*Acacia rostellifera*<sup>^</sup>shrub\4\c;G<sup>^</sup>*Rhagodia preissii* subsp. *obovata*, *Austrostipa elegantissima*<sup>^</sup>chenopod shrub,tussock grass\3\c

#### Species

- Acacia rostellifera*
- Amyema preissii*
- Austrostipa elegantissima*
- \**Ehrharta longiflora*
- Rhagodia preissii* subsp. *obovata*



## Appendix six: Floristic quadrat details

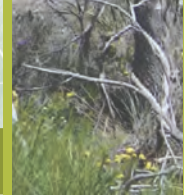
<b>Quadrat/Site</b>	GRV0876	<b>Date</b>	03/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	14	<b>Lat.</b>	28°44'19.8"	<b>Long.</b>	114°38'28.6"
<b>Photo No:</b>	37	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Plain
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	50%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	10%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	5%		
<b>Disturbance:</b>	Type	Rabbits	Extent	20%	
	Type	Drought	Extent	100%	
<b>Notes:</b>	Drought affected but ±not weedy and not reduced diversity.				

**Community Description:**

M+<sup>^</sup>Acacia rostellifera, Melaleuca cardiophylla, Grevillea candelabroides<sup>^</sup>shrub\4\i;G<sup>^</sup>Conostylis stylioides, Lepidosperma spA2 Island Flat<sup>^</sup>forb,sedge\1\i

**Species**

*Acacia rostellifera*  
*Acacia spathulifolia*  
*Acanthocarpus preissii*  
*Austrostipa elegantissima*  
*Calandrinia corrigioloides*  
*Conostylis stylioides*  
*Desmocladus asper*  
*Dianella revoluta*  
*Dioscorea hastifolia*  
*Grevillea candelabroides*  
*Hibbertia hypericoides*  
*Lepidosperma* spA2 Island Flat  
*Leucopogon allittii*  
*Lomandra effusa*  
*Melaleuca cardiophylla*  
*Stylobasium spathulatum*  
*Thysanotus manglesianus*  
*Tricoryne elatior*  
 \**Vulpia myuros*



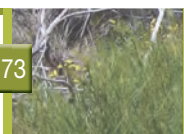
### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0877	<b>Date</b>	03/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	15	<b>Lat.</b>	28°44'12.4"	<b>Long.</b>	114°38'39.4"
<b>Photo No:</b>	38	<b>Direction:</b>	SE		
<b>Aspect</b>	E	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	15%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	30%
<b>Condition (Keighery)</b>	Excellent	<b>Weed cover:</b>	0		
<b>Disturbance:</b>	<i>Type</i>	Drought	<i>Extent</i>	100%	
<b>Notes:</b>	Drought affected.				

**Community Description:** M+<sup>^</sup>*Melaleuca depressa*, *Guichenotia micrantha*, *Grevillea biternata*<sup>^</sup>\shrub\3i;G<sup>^</sup>*Conostylis stylidioides*\forb\1r

#### Species

<i>Acacia ericifolia</i>	<i>Laxmannia sessiliflora</i> subsp. <i>sessiliflora</i>
<i>Acacia scirpifolia</i>	<i>Leucopogon allittii</i>
<i>Acacia spathulifolia</i>	<i>Lomandra</i> sp
<i>Acanthocarpus preissii</i>	<i>Melaleuca depressa</i>
<i>Allocasuarina campestris</i>	<i>Myrtaceae</i> sp
<i>Austrostipa macalpinei</i>	<i>Neurachne alopecuroidea</i>
<i>Calandrinia corrigioloides</i>	<i>Stenanthemum notiale</i>
<i>Comesperma scoparium</i>	<i>Stylidium elongatum</i>
<i>Conostylis stylidioides</i>	* <i>Vulpia myuros</i>
<i>Crassula colorata</i>	
<i>Desmocladius asper</i>	
<i>Dioscorea hastifolia</i>	
<i>Diplopeltis huegelii</i>	
<i>Grevillea biternata</i>	
<i>Grevillea candelabroides</i>	
<i>Guichenotia micrantha</i>	
<i>Hibbertia hypericoides</i>	
<i>Hyalosperma cotula</i>	
* <i>Hypochaeris glabra</i>	



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0878	<b>Date</b>	03/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	16	<b>Lat.</b>	28°43'51.1"	<b>Long.</b>	114°38'27.4"
<b>Photo No:</b>	39	<b>Direction:</b>	SE		
<b>Aspect</b>	SE	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	<1	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	30%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	50%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	2%		
<b>Disturbance:</b>	<i>Type</i>	<i>Fire?</i>	<i>Extent</i>	100%	

**Notes:**

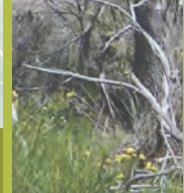
The area is a mixture of thick clumps and more open areas: the quadrat is sited in both. Adjacent areas have been burnt in the last 2-5 years.

**Community Description:**

M+*Acacia rostellifera*, *Grevillea argyrophylla*^shrub\4i;G^*Melaleuca megacephala*^shrub\2i

**Species**

<i>Acacia rostellifera</i>	<i>Phyllanthus calycinus</i>
<i>Acanthocarpus preissii</i>	<i>Phyllanthus scaber</i>
* <i>Arctotheca calendula</i>	<i>Pimelea floribunda</i>
<i>Austrostipa elegantissima</i>	<i>Ptilotus polystachyus</i>
<i>Austrostipa macalpinei</i>	* <i>Reichardia tingitana</i>
* <i>Brassica tournefortii</i>	* <i>Sonchus oleraceus</i>
* <i>Bromus hordeaceus</i>	<i>Thysanotus manglesianus</i>
<i>Calandrinia corrigioloides</i>	<i>Trachymene pilosa</i>
<i>Conostylis stylidioides</i>	* <i>Wahlenbergia capensis</i>
<i>Crassula colorata</i>	
<i>Desmodium asper</i>	
<i>Dioscorea hastifolia</i>	
* <i>Ehrharta longiflora</i>	
<i>Grevillea argyrophylla</i>	
<i>Guichenotia ledifolia</i>	
<i>Hibbertia hypericoides</i>	
* <i>Hypochaeris glabra</i>	
<i>Melaleuca megacephala</i>	
* <i>Misopates orontium</i>	



### Appendix six: Floristic quadrat details

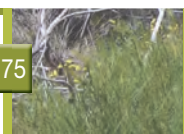
<b>Quadrat/Site</b>	GRV0879	<b>Date</b>	03/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	17	<b>Lat.</b>	28°43'39.6"	<b>Long.</b>	114°38'17.7"
<b>Photo No:</b>	40	<b>Direction:</b>	SE		
<b>Aspect</b>	N	<b>Slope:</b>	Gentle	<b>Topography:</b>	Slope
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow grey		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	20%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	50%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	<1%		
<b>Disturbance:</b>	Type	Unknown	<i>Extent</i>	100%	

**Community Description:**

M+*Acacia rostellifera*, *Acacia scirpifolia*, *Gyrostemon ramulosus* \^shrub\4i;G<sup>^</sup>*Conostylis aculeata* subsp. *hipidion* \^forb\1r

#### Species

<i>Acacia rostellifera</i>	<i>Lamiaceae</i> sp
<i>Acacia scirpifolia</i>	<i>Lepidobolus preissianus</i>
<i>Acacia spathulifolia</i>	<i>Melaleuca megacephala</i>
<i>Acanthocarpus preissii</i>	<i>Mesomelaena pseudostygia</i>
<i>Austrostipa compressa</i>	* <i>Monoculus monstrosus</i>
<i>Austrostipa elegantissima</i>	<i>Ptilotus polystachyus</i>
* <i>Bromus hordeaceus</i>	<i>Stylobasium spathulatum</i>
<i>Cassutha aurea</i>	<i>Thysanotus manglesianus</i>
<i>Clematicissus angustissima</i>	
<i>Comesperma scoparium</i>	
<i>Conostylis aculeata</i> subsp. <i>hipidion</i>	
<i>Crassula colorata</i>	
<i>Desmocladus asper</i>	
<i>Dianella revoluta</i>	
<i>Dioscorea hastifolia</i>	
<i>Grevillea biternata</i>	
<i>Gyrostemon ramulosus</i>	
<i>Hibbertia hypericoides</i>	
<i>Labichea lanceolata</i>	



## Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0880	<b>Date</b>	03/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	18	<b>Lat.</b>	28°43'32.7"	<b>Long.</b>	114°38'06.7"
<b>Photo No:</b>	41	<b>Direction:</b>	SE		
<b>Aspect</b>	SE	<b>Slope:</b>	Gentle	<b>Topography:</b>	Watercourse, riverbank
<b>Surface Soil:</b>	Clayey sand	<b>Colour:</b>	Orange		
<b>Exposed Rock:</b>	n/a	<b>% Surface Rock:</b>	n/a	<b>Fragment size:</b>	n/a
<b>Litter cover:</b>	2%	<b>Litter depth:</b>	1-2 cm	<b>Bare ground:</b>	1%
<b>Condition (Keighery)</b>	Good	<b>Weed cover:</b>	95%		
<b>Disturbance:</b>	<i>Type</i>	Occasional floods	<i>Extent</i>	100%	

**Notes:** Quadrat is on an elevated section within the main river channel, and includes a secondary channel and riverbank.

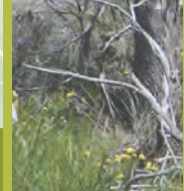
**Community Description:**

U+<sup>+</sup>*Eucalyptus camaldulensis*^tree\7\i;M^*Acacia rostellifera*, *Melaleuca raphiophylla*^shrub\4\r;G^*Cynodon dactylon*, *Oxalis pes-caprae*, *Reichardia tingitana*^other grass,forb\1\d

**Species**

*Acacia saligna*  
*Austrostipa elegantissima*  
 \**Avena barbata*  
 \**Bromus diandrus*  
*Cassutha flava*  
 \**Cynodon dactylon*  
*Cyperus gymnocaulos*  
 \**Ehrharta longiflora*  
*Enchylaena tomentosa*  
*Eucalyptus camaldulensis* var. *obtusata*  
 \**Euphorbia terracina*  
 \**Fumaria capreolata*  
 \**Lycium ferocissimum*  
*Melaleuca raphiophylla*  
 \**Oxalis pes-caprae*  
 \**Reichardia tingitana*  
*Rhagodia preissii* subsp. *obovata*  
 \**Sonchus oleraceus*  
*Stylobasium australe*



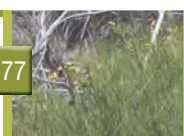


### Appendix six: Floristic quadrat details

<b>Quadrat/Site</b>	GRV0881	<b>Date</b>	03/10/2008		
<b>Field Staff</b>	LA/SB				
<b>Wpt</b>	19	<b>Lat.</b>	28°43'52.4"	<b>Long.</b>	114°38'23.5"
<b>Photo No:</b>	42	<b>Direction:</b>	SE		
<b>Aspect</b>	n/a	<b>Slope:</b>	Flat	<b>Topography:</b>	Ridge
<b>Surface Soil:</b>	Sand	<b>Colour:</b>	Yellow grey		
<b>Exposed Rock:</b>	Limestone	<b>% Surface Rock:</b>	1	<b>Fragment size:</b>	10-20 cm
<b>Litter cover:</b>	25%	<b>Litter depth:</b>	<1 cm	<b>Bare ground:</b>	35%
<b>Condition (Keighery)</b>	Very good	<b>Weed cover:</b>	2%		
<b>Disturbance:</b>	Type	Rabbits	Extent	100%	
	Type	Fire	Extent	100%	
<b>Community Description:</b>	M+ <sup>^</sup> Acacia rostellifera <sup>^</sup> shrub\4\r;G <sup>^</sup> Desmoclodus asper, Tricoryne elatior <sup>^</sup> rush,forb\1\r				

#### Species

<i>Acacia rostellifera</i>	<i>*Hypochaeris glabra</i>
<i>Acacia spathulifolia</i>	<i>Lasiopetalum angustifolium</i>
<i>Austrostipa compressa</i>	<i>Laxmannia sessiliflora</i> subsp. <i>sessiliflora</i>
<i>Austrostipa tenuifolia</i>	<i>Melaleuca cardiophylla</i>
<i>Bossiaea spinescens</i>	<i>Melaleuca megacephala</i>
<i>*Brassica tournefortii</i>	<i>Millotia myosotidifolia</i>
<i>*Bromus hordeaceus</i>	<i>*Misopates orontium</i>
<i>Calandrinia corrigioloides</i>	<i>Phyllanthus calycinus</i>
<i>Calandrinia eremaea</i>	<i>Phyllanthus scaber</i>
<i>Comesperma scoparium</i>	<i>*Reichardia tingitana</i>
<i>Conostylis aculeata</i> subsp. <i>hipidion</i>	<i>Rhagodia preissii</i> subsp. <i>obovata</i>
<i>Conostylis stylidioides</i>	<i>Stylidium elongatum</i>
<i>Crassula colorata</i>	<i>Stylobasium spathulatum</i>
<i>Desmoclodus asper</i>	<i>Thysanotus manglesianus</i>
<i>Dioscorea hastifolia</i>	<i>Trachymene pilosa</i>
<i>*Ehrharta longiflora</i>	<i>Tricoryne elatior</i>
<i>Grevillea argyrophylla</i>	<i>*Vulpia myuros</i>
<i>Guichenotia ledifolia</i>	<i>Zygophyllum fruticosum</i>
<i>Hibbertia hypericoides</i>	
<i>Hibbertia spicata</i>	



### Appendix seven: Vascular plant species inventory and DEC conservation codes

Table 7.1: Vascular plant species recorded from floristic quadrats

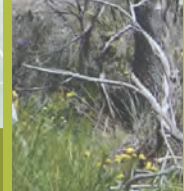
Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Adiantaceae	<i>Cheilanthes sieberi</i>				5
	<i>Carpobrotus virescens</i>				4
	<i>Mesembryanthemum crystallinum</i>	x			2
	<i>Mesembryanthemum nodiflorum</i>	x			1
	<i>Tetragonia decumbens</i>	x			1
	<i>Tetragonia implexicoma</i>				9
Amaranthaceae	<i>Ptilotus declinatus</i>				2
	<i>Ptilotus divaricatus</i>				12
	<i>Ptilotus eriotrichus</i>				1
	<i>Ptilotus exaltatus</i>				1
	<i>Ptilotus obovatus</i>				5
	<i>Ptilotus polystachyus</i>				6
Anthericaceae	<i>Anthericaceae</i> sp				1
	<i>Chamaescilla corymbosa</i>				1
	<i>Chamaescilla versicolor</i>				2
	<i>Dichopogon capillipes</i>				6
	<i>Laxmannia sessiliflora</i> subsp. <i>sessiliflora</i>				5
	<i>Sowerbaea laxiflora</i>				5
	<i>Thysanotus manglesianus</i>				23
	<i>Thysanotus</i> sp				1
<i>Tricoryne elatior</i>				4	
Apiaceae	<i>Daucus glochidiatus</i>				7
	<i>Hydrocotyle pilifera</i> var. <i>glabrata</i>				3
	<i>Trachymene cyanopetala</i>				9
	<i>Trachymene ornata</i>				11
	<i>Trachymene pilosa</i>				5
Apocynaceae	<i>Alyxia buxifolia</i>				4
Asphodelaceae	<i>Asphodelus fistulosus</i>	x			1
	<i>Trachyandra divaricata</i>	x			1
Asteraceae	<i>Actinobole uliginosum</i>				1
	<i>Arctotheca calendula</i>	x			15
	<i>Asteraceae</i> spA				1

### Appendix seven: Vascular plant species inventory and DEC conservation codes

Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Asteraceae (cont.)	<i>Asteraceae</i> spB				2
	<i>Asteraceae</i> spD				1
	<i>Blennospora drummondii</i>				6
	<i>Brachyscome perpusilla</i>				3
	<i>Calotis hispidula</i>				3
	<i>Ceratogyne obionoides</i>				1
	<i>Cotula coronopifolia</i>	x			1
	<i>Gilberta tenuifolia</i>				3
	<i>Hedypnois rhagadioloides</i>	x			2
	<i>Hyalosperma cotula</i>				3
	<i>Hyalosperma demissum</i>				3
	<i>Hyalosperma glutinosum</i> subsp. <i>glutinosum</i>				2
	<i>Hypochaeris glabra</i>	x			36
	<i>Hypochaeris radicata</i>	x			2
	<i>Lawrencella rosea</i>				8
	<i>Millotia myosotidifolia</i>				1
	<i>Monoculus monstrosus</i>	x			6
	<i>Olearia axillaris</i>				6
	<i>Olearia dampieri</i>				1
	<i>Podolepis canescens</i>				1
	<i>Podolepis capillaris</i>				1
	<i>Podolepis lessonii</i>				6
	<i>Podotheca gnaphalioides</i>				4
	<i>Reichardia tingitana</i>	x			25
	<i>Rhodanthe manglesii</i>				2
	<i>Rhodanthe spicata</i>				9
	<i>Schoenia cassiniana</i>				1
	<i>Senecio pinnatifolius</i>				3
	<i>Sonchus oleraceus</i>	x			32
	<i>Urospermum picroides</i>	x			6
<i>Ursinia anthemoides</i>	x			14	
<i>Vellereophyton dealbatum</i>	x			1	
<i>Waitzia acuminata</i>				9	

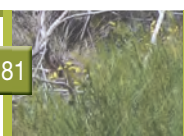
### Appendix seven: Vascular plant species inventory and DEC conservation codes

Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Boraginaceae	<i>Cynoglossum drummondii</i>				1
	<i>Echium plantagineum</i>	x			15
	<i>Halgania sericiflora</i>				1
Boryaceae	<i>Borya sphaerocephala</i>				9
Brassicaceae	<i>Brassica tournefortii</i>	x			37
	<i>Raphanus raphanistrum</i>	x			8
	<i>Sisymbrium orientale</i>	x			2
Caesalpiniaceae	<i>Labichea lanceolata</i>				1
Campanulaceae	<i>Wahlenbergia capensis</i>	x			4
	<i>Wahlenbergia preissii</i>				3
Caryophyllaceae	<i>Petrorhagia dubia</i>	x			12
	<i>Polycarpon tetraphyllum</i>				8
	<i>Silene gallica</i>	x			3
	<i>Spergularia marina</i>				2
	<i>Spergularia rubra</i>	x			1
	<i>Stellaria media</i>	x			1
Casuarinaceae	<i>Allocasuarina campestris</i>				3
	<i>Casuarina obesa</i>				7
Centrolepidaceae	<i>Centrolepis</i> sp				1
Chenopodiaceae	<i>Atriplex isatidea</i>				2
	<i>Chenopodium gaudichaudianum</i>				4
	<i>Chenopodium murale</i>	x			3
	<i>Enchylaena tomentosa</i>				12
	<i>Rhagodia latifolia</i> subsp. <i>recta</i>				14
	<i>Rhagodia preissii</i> subsp. <i>obovata</i>				19
	<i>Rhagodia</i> sp				1
	<i>Salsola tragus</i>				2
	<i>Sarcocornia quinqueflora</i>				2
	<i>Tecticornia indica</i>				1
	<i>Tecticornia pergranulata</i>				1
	<i>Threlkeldia diffusa</i>				18
	Colchicaceae	<i>Burchardia congesta</i>			
<i>Wurmbea dioica</i> subsp. <i>alba</i>					2



### Appendix seven: Vascular plant species inventory and DEC conservation codes

Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Convolvulaceae	<i>Convolvulus remotus</i>				2
	<i>Wilsonia rotundifolia</i>				1
Crassulaceae	<i>Crassula colorata</i>				17
	<i>Crassula exserta</i>				2
Cunoniaceae	<i>Aphanopetalum clematideum</i>				7
Cuscutaceae	<i>Cuscuta planiflora</i>	x			7
Cyperaceae	<i>Cyperus gymnocaulos</i>				5
	<i>Ficinia nodosa</i>				1
	<i>Isolepis congrua</i>				1
	<i>Lepidosperma</i> sp				1
	<i>Lepidosperma</i> spA2 Island Flat				2
	<i>Lepidosperma</i> spP1 Small Head				4
	<i>Lepidosperma tenue</i>				4
	<i>Mesomelaena pseudostygia</i>				3
	<i>Schoenus clandestinus</i>				3
	<i>Schoenus grandiflorus</i>				1
	<i>Schoenus latitans</i>				3
	<i>Schoenus nanus</i>				1
	<i>Schoenus</i> spG Broad Sheath				1
	<i>Schoenus variicellae</i>				2
Dasypogonaceae	<i>Acanthocarpus preissii</i>				26
	<i>Lomandra effusa</i>				1
	<i>Lomandra micrantha</i>				2
	<i>Lomandra nigricans</i>				2
	<i>Lomandra</i> sp				2
	<i>Lomandra suaveolens</i>				1
Dilleniaceae	<i>Hibbertia crassifolia</i>				4
	<i>Hibbertia glomerosa</i> var. <i>bistrata</i>		P3	Extension	1
	<i>Hibbertia hypericoides</i>				6
	<i>Hibbertia potentilliflora</i>				2
	<i>Hibbertia spicata</i>				4
Dioscoreaceae	<i>Dioscorea hastifolia</i>				28



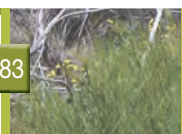
### Appendix seven: Vascular plant species inventory and DEC conservation codes

Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Droseraceae	<i>Drosera glanduligera</i>				2
	<i>Drosera macrantha</i>				5
	<i>Drosera neesii</i> subsp. <i>borealis</i>				2
	<i>Drosera porrecta</i>			Extension	3
Epacridaceae	<i>Astroloma serratifolium</i>				5
	<i>Leucopogon allittii</i>				2
	<i>Leucopogon hamulosus</i>				1
	<i>Leucopogon</i> sp. Moresby Range		P3		1
Euphorbiaceae	<i>Euphorbia boophthona</i>				3
	<i>Euphorbia myrtoides</i>				2
	<i>Euphorbia peplus</i>	x			14
	<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>				3
	<i>Euphorbia terracina</i>	x			22
	<i>Phyllanthus calycinus</i>				3
	<i>Phyllanthus scaber</i>				4
	<i>Poranthera microphylla</i>				3
Frankeniaceae	<i>Frankenia pauciflora</i>				2
Fumariaceae	<i>Fumaria capreolata</i>	x			6
Geraniaceae	<i>Erodium botrys</i>	x			2
	<i>Erodium cicutarium</i>	x			3
	<i>Erodium cygnorum</i>				10
Goodeniaceae	<i>Dampiera altissima</i>				3
	<i>Goodenia berardiana</i>				2
	<i>Lechenaultia linarioides</i>				2
	<i>Scaevola canescens</i>				1
	<i>Scaevola crassifolia</i>				6
	<i>Scaevola spinescens</i>				1
	<i>Scaevola tomentosa</i>				6
	<i>Velleia cycnopotamica</i>				7
Gyrostemonaceae	<i>Gyrostemon ramulosus</i>				1
Haemodoraceae	<i>Conostylis aculeata</i> sens lat				2
	<i>Conostylis aculeata</i> subsp. <i>hipidion</i>				2



### Appendix seven: Vascular plant species inventory and DEC conservation codes

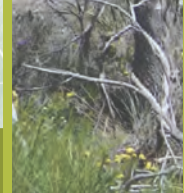
Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Haemodoraceae (cont.)	<i>Conostylis prolifera</i>				10
	<i>Conostylis stylidioides</i>				7
	<i>Haemodorum discolor</i>				1
Haloragaceae	<i>Glischrocaryon aureum</i>				2
	<i>Gonocarpus nodulosus</i>				6
Hemerocallidaceae	<i>Caesia micrantha</i>				14
	<i>Caesia</i> sp. Wongan				1
Hypoxidaceae	<i>Hypoxis glabella</i>				7
INDET	INDET spB				1
	INDET spC				1
	INDET spD				1
	INDET spF				1
INDET (climber)	INDET spG				1
INDET (Lily-like)	INDET spA				1
	INDET spE				5
Juncaceae	<i>Juncus kraussii</i>				2
Juncaginaceae	<i>Triglochin</i> sp. A Flora of Australia				1
Lamiaceae	Lamiaceae sp				2
	<i>Pityrodia loxocarpa</i>				1
Lauraceae	<i>Cassytha aurea</i>				1
	<i>Cassytha flava</i>				18
	<i>Cassytha racemosa</i>				1
Linaceae	<i>Linum marginale</i>			Extremity	1
Lobeliaceae	<i>Isotoma hypocrateriformis</i>				1
Loganiaceae	<i>Phyllangium divergens</i>				1
Loranthaceae	<i>Amyema linophylla</i>				1
	<i>Amyema preissii</i>				6
Malvaceae	<i>Alyogyne hakeifolia</i>				1
	<i>Malva parviflora</i>	x			4
	<i>Sida calyxhymenia</i>				2
Mimosaceae	<i>Acacia acuminata</i>				2
	<i>Acacia congesta</i>				3
	<i>Acacia ericifolia</i>				3



### Appendix seven: Vascular plant species inventory and DEC conservation codes

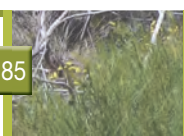
Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Mimosaceae (cont.)	<i>Acacia longispinea</i>				2
	<i>Acacia oxyclada</i>				1
	<i>Acacia rostellifera</i>				43
	<i>Acacia saligna</i>				5
	<i>Acacia scirpifolia</i>				4
	<i>Acacia spathulifolia</i>				4
	<i>Acacia tetragonophylla</i>				12
	<i>Acacia ulicina</i>				3
	<i>Acacia xanthina</i>				5
Myoporaceae	<i>Myoporum insulare</i>				3
Myrtaceae	<i>Calothamnus homalophyllus</i>				2
	<i>Calytrix depressa</i>				4
	<i>Chamelaucium uncinatum</i>				2
	<i>Eucalyptus blaxellii</i>		declared rare flora		1
	<i>Eucalyptus camaldulensis</i> var. <i>obtusa</i>				5
	<i>Eucalyptus loxophleba</i> subsp. <i>loxophleba</i>				1
	<i>Eucalyptus oraria</i>				2
	<i>Eucalyptus zopherophloia</i>		P3		1
	<i>Melaleuca campanae</i>				3
	<i>Melaleuca cardiophylla</i>				13
	<i>Melaleuca concreta</i>				3
	<i>Melaleuca coroncarpa</i>				1
	<i>Melaleuca depressa</i>				6
	<i>Melaleuca filifolia</i>				1
	<i>Melaleuca fulgens</i> subsp. <i>steadmanii</i>				1
	<i>Melaleuca huegelii</i>				2
	<i>Melaleuca megacephala</i>				6
	<i>Melaleuca radula</i>				3
	<i>Melaleuca raphiophylla</i>				6
	<i>Melaleuca viminea</i>				1
<i>Myrtaceae</i> sp				1	
<i>Scholtzia ciliata</i>				4	





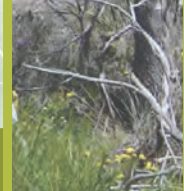
### Appendix seven: Vascular plant species inventory and DEC conservation codes

Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Myrtaceae (cont.)	<i>Thryptomene baeckeacea</i>				1
	<i>Thryptomene racemulosa</i>				3
	<i>Thryptomene</i> sp. Moresby Range		P3		2
	<i>Thryptomene stenophylla</i>		P2		1
	<i>Verticordia chrysantha</i>				4
	<i>Verticordia picta</i>				1
Nyctaginaceae	<i>Commicarpus australis</i>				3
Orchidaceae	<i>Caladenia flava</i> subsp. <i>maculata</i>				6
	<i>Caladenia footeana</i>				2
	<i>Caladenia hoffmanii</i>		declared rare flora		1
	<i>Caladenia longicaudata</i> subsp. <i>borealis</i>				5
	<i>Caladenia</i> sp				1
	<i>Diuris recurva</i>		P4		3
	<i>Eriochilus dilatatus</i> subsp. <i>dilatatus</i>				2
	<i>Eriochilus dilatatus</i> subsp. <i>undulatus</i>				2
	<i>Microtis media</i>				1
	Orchidaceae spA				1
	Orchidaceae spB				1
Orchidaceae spC				1	
<i>Thelymitra antennifera</i>				1	
Oxalidaceae	<i>Oxalis perennans</i>				6
	<i>Oxalis pes-caprae</i>	x			5
Papilionaceae	<i>Bossiaea spinescens</i>				1
	<i>Daviesia divaricata</i>				1
	<i>Gastrolobium oxylobioides</i>				1
	<i>Gastrolobium triangulare</i>				1
	<i>Jacksonia nutans</i>				1
	<i>Jacksonia sternbergiana</i>				2
	<i>Lupinus angustifolia</i>	x			1
	<i>Lupinus cosentinii</i>	x			5
	<i>Medicago polymorpha</i>	x			7



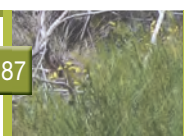
### Appendix seven: Vascular plant species inventory and DEC conservation codes

Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Papilionaceae (cont.)	<i>Medicago truncatula</i>	x			1
	<i>Melilotus indicus</i>	x			2
	<i>Mirbelia depressa</i>				2
	<i>Templetonia retusa</i>				1
	<i>Trifolium campestre</i>	x			2
	<i>Trifolium fragiferum</i>	x			1
	<i>Trifolium subterraneum</i>	x			2
Phormiaceae	<i>Dianella revoluta</i>				11
	<i>Stypandra glauca</i>				2
Pittosporaceae	<i>Pittosporum angustifolium</i>				1
	<i>Pittosporum ligustrifolium</i>				8
Poaceae	<i>Aira cupaniana</i>	x			2
	<i>Amphipogon caricinus</i>				5
	<i>Aristida holathera</i> var. <i>holathera</i>				6
	<i>Austrodanthonia setacea</i>				2
	<i>Austrostipa compressa</i>				4
	<i>Austrostipa elegantissima</i>				37
	<i>Austrostipa flavescens</i>				2
	<i>Austrostipa macalpinei</i>				2
	<i>Austrostipa nitida</i>				3
	<i>Austrostipa scabra</i>				4
	<i>Austrostipa tenuifolia</i>				4
	<i>Avena barbata</i>	x			42
	<i>Briza maxima</i>	x			10
	<i>Bromus diandrus</i>	x			18
	<i>Bromus hordeaceus</i>	x			7
	<i>Bromus madritensis</i>	x			1
	<i>Bromus rubens</i>	x			1
	<i>Cenchrus ciliaris</i>	x			1
	<i>Cynodon dactylon</i>	x			3
	<i>Desmazeria rigida</i>	x			1
<i>Ehrharta brevifolia</i> var. <i>cuspidata</i>	x			4	
<i>Ehrharta calycina</i>	x			5	



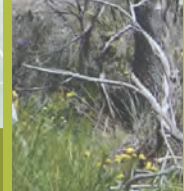
### Appendix seven: Vascular plant species inventory and DEC conservation codes

Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Poaceae (cont.)	<i>Ehrharta longiflora</i>	x			33
	<i>Hordeum leporinum</i>	x			9
	<i>Lamarckia aurea</i>	x			1
	<i>Lolium rigidum</i>	x			11
	<i>Melinis repens</i>	x			1
	<i>Neurachne alopecuroidea</i>				14
	<i>Pennisetum setaceum</i>	x			4
	<i>Pentaschistis airoides</i>	x			9
	Poaceae spA	x			2
	Poaceae spB				2
	Poaceae spC				2
	Poaceae spD				1
	Poaceae spE				4
	Poaceae spF				1
	Poaceae spG				2
	<i>Schismus barbatus</i>	x			2
	<i>Spinifex longifolius</i>				4
	<i>Sporobolus virginicus</i>				2
	<i>Vulpia myuros</i>	x			20
Polygalaceae	<i>Comesperma integerrimum</i>				8
	<i>Comesperma scoparium</i>				3
Polygonaceae	<i>Emex australis</i>	x			8
	<i>Muehlenbeckia adpressa</i>				5
Portulacaceae	<i>Calandrinia brevipedata</i>				16
	<i>Calandrinia corrigioloides</i>				12
	<i>Calandrinia eremaea</i>				3
	<i>Calandrinia granulifera</i>				1
	<i>Calandrinia liniflora</i>				5
	<i>Calandrinia polyandra</i>				17
Primulaceae	<i>Anagallis arvensis</i>	x			22
Proteaceae	<i>Banksia attenuata</i>				3
	<i>Banksia fraseri</i> var. <i>ashbyi</i>				2
	<i>Banksia prionotes</i>				5



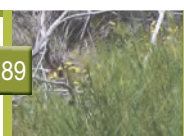
### Appendix seven: Vascular plant species inventory and DEC conservation codes

Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Proteaceae (cont.)	<i>Banksia sessilis</i> var. <i>flabellifolia</i>				2
	<i>Conospermum stoechadis</i>				2
	<i>Grevillea argyrophylla</i>				8
	<i>Grevillea biternata</i>				2
	<i>Grevillea candelabroides</i>				4
	<i>Grevillea pinaster</i>				6
	<i>Grevillea</i> sp. seedling				1
	<i>Grevillea triloba</i>			P3	3
	<i>Hakea preissii</i>				5
	<i>Hakea recurva</i>				2
	<i>Persoonia hexagona</i>				4
	<i>Petrophile seminuda</i>				4
Ranunculaceae	<i>Clematis linearifolia</i>				9
Restionaceae	<i>Desmocladus asper</i>				20
	<i>Lepidobolus preissianus</i>				6
Rhamnaceae	<i>Cryptandra arbutiflora</i> var. <i>borealis</i>				6
	<i>Cryptandra myriantha</i>				2
	<i>Stenanthemum notiale</i>				1
Rubiaceae	<i>Galium murale</i>	x			3
	<i>Opercularia spermacocea</i>				4
Rutaceae	<i>Diplolaena grandiflora</i>				4
Sapindaceae	<i>Diplopeltis huegelii</i>				1
	<i>Dodonaea ericoides</i>				2
Scrophulariaceae	<i>Dischisma capitatum</i>	x			1
	<i>Misopates orontium</i>	x			9
	<i>Zaluzianskya divaricata</i>	x			1
Solanaceae	<i>Anthocercis intricata</i>			P3	2
	<i>Lycium ferocissimum</i>	x			13
	<i>Nicotiana occidentalis</i> subsp. <i>hesperis</i>				5
	<i>Solanum ellipticum</i>				2
	<i>Solanum nigrum</i>	x			1
	<i>Solanum oldfieldii</i>				3



### Appendix seven: Vascular plant species inventory and DEC conservation codes

Height Class	Height Range (m)	Introduced	declared rare flora / priority	Range extension / extremity	Recorded from no. of quadrats
Sterculiaceae	<i>Guichenotia ledifolia</i>				3
	<i>Guichenotia micrantha</i>				2
	<i>Lasiopetalum angustifolium</i>				3
	<i>Rulingia borealis</i>				1
Stylidiaceae	<i>Stylidium adpressum</i>				4
	<i>Stylidium elongatum</i>				6
Surianaceae	<i>Stylobasium australe</i>				1
	<i>Stylobasium spathulatum</i>				15
Thymelaeaceae	<i>Pimelea floribunda</i>				1
	<i>Pimelea gilgiana</i>				3
	<i>Pimelea microcephala</i> subsp. <i>microcephala</i>				19
Tropaeolaceae	<i>Tropaeolum majus</i>	x			1
Urticaceae	<i>Parietaria cardiostegia</i>				5
	<i>Parietaria debilis</i>				2
Vitaceae	<i>Clematicissus angustissima</i>				19
Zygophyllaceae	<i>Zygophyllum fruticosum</i>				20
<b>Total number of species</b>	<b>372</b>	<b>73</b>	<b>9</b>		



## Appendix seven: Vascular plant species inventory and DEC conservation codes

Table 7.2: DEC conservation codes and definitions

Conservation Code		Definition
X	<b>Declared Rare Flora - Presumed Extinct</b>	Taxa which have not been collected, or otherwise verified, over the past 50 years despite thorough searching, or of which all known wild populations have been destroyed more recently, and have been gazetted as such, following approval by the Minister for the Environment, after recommendation by the State's Endangered Flora Consultative Committee
R	<b>Declared Rare Flora - Extant</b>	Taxa which have been adequately searched for, and are deemed to be in the wild either rare, in danger of extinction, or otherwise in need of special protection, and have been gazetted as such, following approval by the Minister for the Environment, after recommendation by the State's Endangered Flora Consultative Committee. ( = <i>Threatened Flora</i> = <i>Endangered</i> + <i>Vulnerable</i> )
P1	<b>Priority One - Poorly Known</b>	Taxa which are known from one or a few (generally <5) populations which are under threat, either due to small population size, or being on lands under immediate threat, e.g. road verges, urban areas, farmland, active mineral leases, etc., or the plants are under threat, e.g. from disease, grazing by feral animals, etc. May include taxa with threatened populations on protected lands. Such taxa are under consideration for declaration as 'rare flora', but are in urgent need of further survey
P2	<b>Priority Two - Poorly Known</b>	Taxa which are known from one or a few (generally <5) populations, at least some of which are not believed to be under immediate threat (i.e. not currently endangered). Such taxa are under consideration for declaration as 'rare flora', but are in urgent need of further survey
P3	<b>Priority Three - Poorly Known</b>	Taxa which are known from several populations, at least some of which are not believed to be under immediate threat (i.e. not currently endangered). Such taxa are under consideration for declaration as 'rare flora', but are in need of further survey
P4	<b>Priority Four - Rare</b>	Taxa which are considered to have been adequately surveyed and which, whilst being rare (in Australia), are not currently threatened by any identifiable factors. These taxa require monitoring every 5–10 years

(Atkins 2008)